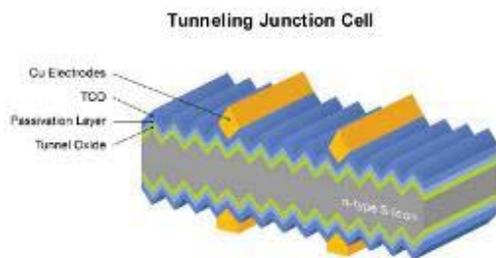


2014-06-20

Welcome to Solar Weekly Insight, presenting the most important developments in the global solar industry, ranging from significant industry trends, policies, research, and new technologies to markets and pricing.

This week's edition focuses on PV markets and projects in Japan, the U.S., and France, and on European CSP markets.

SolarCity moves into PV manufacturing with Silevo acquisition



Third party solar pioneer SolarCity made a big move into PV manufacturing this week with its acquisition of Silevo, which makes high-efficiency PV using a “tunneling junction” cell architecture. SolarCity is planned a 1 GW fab as first phase of manufacturing. [More](#)

Picture left: Silevo's PV cells are based on a tunnelling junction architecture.

Japan installs over 7 GW of PV in FY2013 as installations lag shipments



This week Japan's METI released renewable energy installation data for March 2014, the final month of Japan's fiscal year. The data shows a spike in PV installations to 853 MW during the month, bringing the nation to over 7 GW installed during fiscal year 2013. [More](#)



As impressive as these installation numbers are, even more modules were shipped. JPEA reports that during the first quarter the nation shipped 2.77 GW of PV modules, with imports remaining relatively steady at 56% of supply. [More](#)

Picture left: Japan's “non-residential” market is the nation's largest segment, though installations lag shipments. Image: Yingli

Intersolar AWARD project finalists exemplify best in North America



Eaton's Hyder II Solar Power Plant in Yuma, Arizona, is one of the Intersolar AWARD Finalists

Solar project developers across North America implement innovative technologies and financing models to bring thousands of projects online each year, yet many of these accomplishments are overlooked. Intersolar North America will select a winner for the Intersolar AWARD in the Solar Projects in North America category at the exhibition this July, spotlighting many of the compelling projects completed in 2014.

Five finalists were selected for the Intersolar AWARD for Solar Projects in North America. They were chosen for their high degree of technological innovation, uniqueness, economic feasibility and benefit to the environment.

Finalists include:

- Eaton's Hyder II Solar Power Plant utilized a direct coupled throat connection to complete a 200 MWp utility-scale project in Yuma, Arizona, saving significantly on construction costs for trench digging.
- Princeton Power System installed an off-grid PV system on historic Alcatraz Island in the San Francisco Bay, successfully integrating battery-storage and a fuel back up system, as well as carefully designing the system so it is invisible from the mainland.
- Solaire Generation's Whole Foods Market Solar Carport integrated PV modules into a sustainable roofing system that educates visitors at the store in Brooklyn, New York.
- Trina Solar's Oshman Family Jewish Community Center Project tapped private fund for a power purchase agreement, rather than employing the lending structure typical of smaller distributed projects. As a result the system now sources solar energy for only \$0.04 a kWh, the lowest cost of solar on record in California.
- First Solar's Agua Caliente Solar Project, developed in Yuma, Arizona, is now the world's largest PV plant. Comprised of nearly five million thin-film solar modules, the system generates 290 MW.

Intersolar North America has been presenting the Intersolar AWARD in the category "Solar Projects in North America" since 2012, and this year is no exception. Intersolar uses the award to specifically honor projects that drive forward the transformation of energy systems in an exemplary manner. In addition to the established projects category, the "Intersolar Champion of Change AWARD" is being hosted by Intersolar in close partnership with CALSEIA this year for the first time. The ceremony is attended by prominent dignitaries, and brings together Intersolar exhibitors, visitors, representatives and decision-makers from the international solar world, as well as media representatives from both home and abroad.

Find out [more about the finalists](#) and winners and join

INTERSOLAR AWARD CEREMONY

(free of charge for all visitors of Intersolar North America)

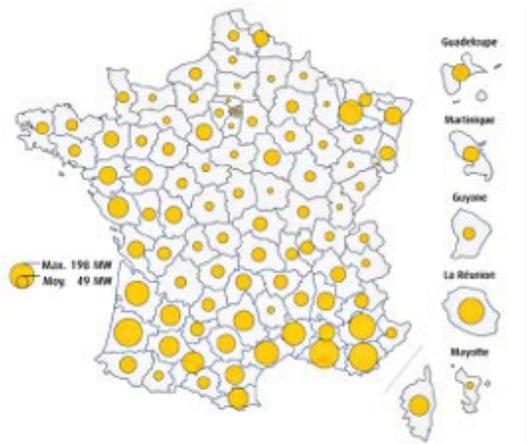
Tuesday, July 8, 2014, 3:00pm

Innovation & Application Stage, Moscone West

Level 3, Alcove 3, #9040

AWARD Ceremony: <http://www.intersolarglobal.com/en/award/ceremonies-2014.html>

French PV market partially rebounds with 163 MW installed in Q1 2014



News from the French PV market was not as impressive as Japan. The nation rebounded somewhat from the dismal installation figures in the first quarter of 2013, however the 163 MW of PV installed is still far below 2011 and 2012 numbers. [More](#)

Picture left: The largest installed PV capacities are in the South of France.

PV equipment book-to-bill ratio rises above parity for the first time in three years



The global PV equipment industry also appears set for a rebound. But while the sector posted its first book-to-bill ratio above parity in three years, bookings and billings still remained below USD 300 million each, less than a fifth of their level in the first half of 2011. [More](#)

Picture left: Asia represented the large majority of new orders during the quarter. Image: Trina Solar.

Promotion

Solar Energy UK, 14 – 16 October 2014, NEC Birmingham

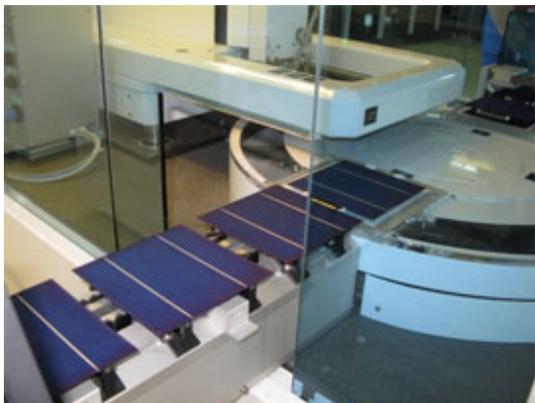
Returning this October, UK's leading solar dedicated three-day exhibition will offer a unique platform for networking business opportunities. Solar Energy UK actively supports the development of the UK solar industry through a range of innovative educational and promotional sessions. Receive daily practical demonstrations on PV, solar thermal and distributed energy at Installer Central Feature Area. The Large-Scale Feature Area sponsored by Belectric will be returning by popular demand and the Solar Business Seminar Theatre is FREE-to-attend this year!

PLUS...Solar Energy UK is proud to announce a new co-located exhibition: **Next Energy UK**

Discover the latest break-through technology in solar integrated systems for generation, transmission and storage. Next Energy UK will coincide with the launch of Solar Media's new website; Next Energy News. Visitors attending the exhibition can connect with companies exhibiting in the Next Energy UK Pavilion and gain insight from experts on product and technology in the Next Energy Theatre.

Entry to both events is FREE. Registration opens in July: <http://uk.solarenergyevents.com/register2014>

Solar Trade War: Taiwanese PV cell makers to slow production in late June 2014



Late last week EnergyTrend released its latest analysis of the global trade war, indicating that it expects Taiwanese PV cell makers to slow production in late June 2014, pending the outcome of the preliminary anti-dumping ruling in July. [More](#)

Picture left: EnergyTrend says that Taiwanese PV cell capacity utilization rates have been high in early- to mid-June 2014

European CSP market shifts to Italy as solar thermal market contracts again in 2013



This week EurObserv'ER released its annual report on European CSP and solar thermal markets, which shows that as the last plants are completed in Spain, the market is moving to Italy. The report also documents the fall in the European solar thermal market, which showed its fifth straight year of market contraction in 2013. [More](#)

Company news: Losses persist in Yingli Q1 results, Abengoa Yield goes public



As the last large Chinese PV maker to do so, Yingli released its first quarter 2014 results this week. The company continues to struggle with profitability, and reported an unusually slow first quarter on lower Chinese sales. However, it predicts a big increase in shipments in the second quarter of the year. [More](#)

Picture left: Despite policies forcing a rapid shift in China's PV market to distributed generation from utility-scale, Yingli says demand in the nation is improving.



Also this week, Abengoa Yield held its initial public offering, as the solar industry's first yieldco to do so. Abengoa Yield began trading on the NASDAQ under the symbol "ABY", with gross proceeds of USD 720 million from the IPO. [More](#)

Picture left: Abengoa Yield's IPO is the first yieldco for a solar company to make it to this stage

OPIC to provide USD 230 million for First Solar PV plant in Chile



Chile's solar PV pipeline continues to move forward, with announcements every week of new projects and new funding arrangements. Late last week OPIC announced that it would provide USD 230 million for a 141 MW-AC PV plant which First Solar plans to build in Northern Chile. [More](#)

Picture left: The PV plant will be located in Northern Chile's Atacama Desert, which has some of the best natural solar conditions in the world.

NEXTracker to supply up to 1.85 GW of tracking systems to SunEdison



Finally, this week SunEdison agreed to purchase up to 1.85 GW (yes, GW) of PV tracking systems from NEXTracker over the next three years. SunEdison CEO Ahmad Chatila says that the company makes a "truly innovative tracker" and that it fits with the company's focus on lean construction. [More](#)

Picture left: SunEdison says that the NEXTracker fits with its focus on Lean construction. Image: NEXTracker.

Thanks for your interest in the Solar Weekly Insight. Stay posted for the next industry highlights.

For free subscription, registration and recommendation please visit: www.solarserver.com/registration

Follow Solar Server on twitter like over 4,800 solar stakeholders do: <http://twitter.com/solarserver>

Solar Server: The Gateway to Solar Power around the world: www.solarserver.com.

Solar Daily Insight: Breaking news at:
<http://www.solarserver.com/solar-magazine/solar-news.html>

Publisher:

Heindl Server GmbH
Kaiserstraße 137
D - 72764 Reutlingen

Tel.: +49 (0)7121-69681-30
Fax: +49 (0)7121-69681-38

Register of corporations-Nr:
HRB 382398 Handelsregister des Amtsgerichts Stuttgart

CEO / Editor in Chief: Rolf Hug; rolf.hug@solarserver.de

Solarserver North America Representation
One Embarcadero Center, Suite 1060
San Francisco, CA 94111

Toll-Free: + 1 877 SUN 7077
or +1 877 786 7077
Fax: +1 415 627 9169

For recommendation / registration please visit
www.solarserver.com/registration

We respect your privacy. If you do not like to receive future e-mails from us, please opt-out by sending an e-mail with re "no newsletter" to: info@solarserver.de