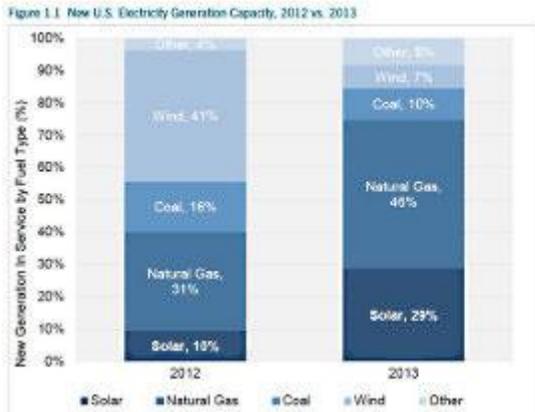


Welcome to Solar Weekly Insight, presenting the most important developments in the global solar industry, ranging from significant industry trends, policies, research, and new technologies to markets and pricing.

This week's edition focuses on the U.S. PV market, and quarterly results for Trina Solar, Canadian Solar, and JinkoSolar.

U.S. installs 4.75 GW of solar PV, CSP in 2013, dominated by utility-scale PV



This week GTM and SEIA released their fourth quarter 2013 report on the U.S. solar market, finding that the nation installed 4.34 GW of PV and 410 MW of CSP during the year. This is a 41% increase over 2012 levels, and positions the United States as the world's third-largest solar market in 2013. [More](#)

Picture left: Solar grew to the second-largest source of new U.S. generation during 2013, at 29% of capacity

Obama's proposed 2015 budget replaces the ITC with a PTC, SEIA responds



Three steps forward, two steps back. While the press was reporting the dramatic success of U.S. solar, U.S. President Obama was presenting a new budget to congress which calls for shifting support for solar from the investment tax credit to the production tax credit. SEIA doesn't think this is such a great idea. [More](#)

Picture left: SEIA President and CEO Rhone Resch calls the proposed tax credit changes "a huge step backwards". (SEIA)

Manufacturing: REC Silicon to build 19,000 MT polysilicon plant in China using FBR tech, ReneSola to be making Virtus II PV modules in Japan



Late last week REC Silicon announced that two of its subsidiaries have entered into a joint venture to build a 19,000 metric ton polysilicon plant in China using fluidized bed reactor (FBR) technology. Bernreuter Research notes that cost advantages of the technology, but also warns of the difficulty getting these plants up and running on schedule. [More](#)

Picture left: The new JV is a way for REC to produce FBR polysilicon for the Chinese market without paying high tariffs. (REC Silicon)



And this week, ReneSola announced that it will begin making its Virtus II PV modules in Japan through a joint venture with Vitec, with an expected start date of April 2014. The factory will be able to produce 80 MW of modules annually. [More](#)

Picture left: ReneSola recently signed a contract to supply 420 MW of its Virtus II PV modules to an un-named Japanese developer

Strong quarterly results for Trina Solar, Canadian Solar, JinkoSolar



This week saw strong quarterly results for three top-tier Chinese PV module makers. Trina Solar reported a big jump in year-over-year revenues to USD 526 million in the fourth quarter of 2013, with a 2.7% operating margin. The company shipped 770 MW of PV modules during the quarter, a new record. [More](#)

Picture left: Trina expects to access 3.8 GW of PV module capacity in 2014, and to utilize nearly all of it



Canadian Solar's results were boosted by a rapid move into the Chinese market to capture end-year demand, and the company's revenues increased 76% year-over-year to USD 519 million. Canadian Solar ended the year with 1.3 GW of PV projects in its late-stage pipeline, mostly in Canada, Japan and China. [More](#)

Picture left: While Canadian Solar has grown its Japanese and Chinese PV project businesses, the largest portion of its late-stage pipeline is still in Canada



Finally, JinkoSolar also reported healthy Q4 results, more than doubling module shipments to a record 533 MW during the quarter. The company reports a 47% year-over-year growth in revenues to a record USD 361 million. [More](#)

Picture left: The acquisition of Topoint will significantly expand JinkoSolar's wafer and cell capacity, and the company is looking to make similar acquisitions in 2014

WACEE '14 - West Africa's flagship event on energy and environmental technology!



It is on the background of the success of the first two editions and responding to the growth, demand and vitality of West Africa's industry, that [AHK Ghana and fairtrade](#) now organise the third edition of [WACEE](#) on 4–6 November 2014, again at the Accra International Conference Centre.

WACEE '14, the 3rd West African Clean Energy and Environmental Technology Exhibition & Conference focuses on the [following topics](#) full of commercial opportunities for renewable and conventional, energy generation, energy efficiency and electrical engineering, environmental technology, waste recycling, water and sewage treatment.

For the very first time in 2014, WACEE will feature an official “**made in Germany**”-pavilion consisting of a minimum of ten German exhibitors in addition to an information stand. The German pavilion is presented by the Federal German Ministry for Economic Affairs and Energy in cooperation with the Association of the German Trade Fair Industry (AUMA) and supported by AHK - Delegation of German Industry and Commerce in Ghana. The pavilion will also incorporate an official participation of North-Rhine Westphalia.

IEA: System-wide transformation needed for cost-effective integration of high levels of wind and solar



Late last week, the International Energy Agency (IEA) released a report which finds that enough wind and solar to meet 45% of electrical demand can be integrated at a system cost of only 15% over the long term, provided that measures are taken to transform the entire electrical system. [More](#)

Picture left: EPIA cites the need for greater interconnection in Europe. (ANPIER)

Work begins on 55 MW solar PV plant in Israel



Also late last week, Grupo Clavijo announced that it has begun installing its SP 1000 single-axis trackers at a 55 MW PV plant in Israel's Negev Desert. When complete in May 2014, the Halutzot plant will be the largest in Israel. [More](#)

Picture left: The plant is being built in Israel's Negev Desert. (MatthewJParker, Wikipedia)

SOLAR PV INVESTMENT & FINANCING EMEA

13 March 2014 | New Armouries,
Tower of London, UK

Solar PV Investment and Financing Europe and EMEA

Certainty in solar investment

<http://finance.solarenergyevents.com>

13 March 2014

8:30–19:00

New Armouries, Tower of London

Solar PV Investment and Financing Europe and EMEA

has been developed to focus on growth, challenges and the prospects of solar investment and project finance in Europe and EMEA, looking at the changes in the investing landscape through discussion, case-study and leading keynote presentations from the forerunners in solar finance.

Key areas that the program will address include:

- Trends in solar project financing and investments in 2013/2014: projections for 2014
- Why is Solar becoming more attractive to investors?
- How to gain investor confidence in solar project finance
- Investment vehicles that are revolutionising solar finance

In partnership with Solar PV Investment and Financing, the first 15 Solarsserver readers to book using the promotional code: **SOLARSERVER20** will receive an **exclusive 20% discount** off bookings.

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Conference tickets inclusive of refreshments, networking lunch and evening drinks reception.

Need a reminder? Join our mailing list to receive the latest event news:

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Xcel moves into utility-scale PV with projects in Colorado, proposal for Minnesota



This week Community Energy announced that it will build a 120 MW PV plant in Colorado, awarded under a solicitation by utility Xcel Energy in late 2013. The plant will be the largest PV plant east of the Rocky Mountains in the United States when completed in 2016. [More](#)

Xcel has also proposed a plan to meet the majority of Minnesota's new 2020 solar requirement with utility-scale PV, including 150 MW of new PV by the end of 2016. [More](#)

Picture left: Xcel cites the lower cost per watt of electricity from utility-scale PV plants compared to DG. (Business Wire)

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