

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 large PV industry deals, and global market developments.

## **Big deals: GCL-Poly to supply 9.3 GW of silicon wafers, polysilicon to four Chinese PV makers, GT to supply equipment & tech for massive polysilicon plant in Malaysia**



Over the last week two very large deals have been announced in the PV industry. In the first, GCL-Poly has signed long-term contracts to supply a total of 9.3 GW (yes, gigawatts) of wafers and polysilicon to JinkoSolar, GD Solar, Tongwei Solar and Hareon Solar over three years. [More](#)

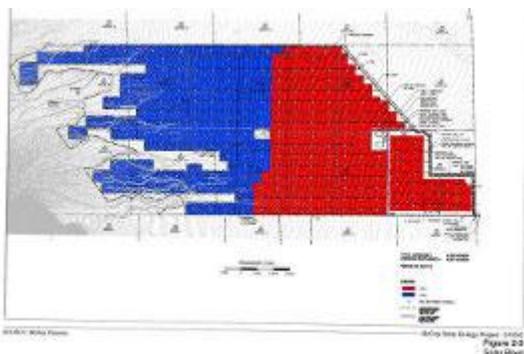
*Picture left: GCL-Poly will deliver the polysilicon and wafers from 2014–2016*



Meanwhile, GT Advanced Technologies has signed a contract to supply USD 336 million worth of polysilicon equipment and technology for a 25,000 metric ton plant in Malaysia. This will be one of the world's largest polysilicon production facilities when complete. [More](#)

*Picture left: GT will supply equipment and technology including the latest version of its SDR CVD reactors*

## **Big projects: NextEra gets approval for first phase of 750 MW McCoy Solar project in Southern California**



In Southern California, Riverside County has finally given the go-ahead to NextEra Energy to proceed with the first 50 MW phase of the McCoy Solar project. The project will be 750 MW when complete, mostly on public lands. [More](#)

*Picture left: NextEra will build the McCoy project in several phases. (NextEra Energy)*

**Solar manufacturing: SolarWorld acquires Bosch PV factory in Germany, Samsung and Canadian Solar open Ontario PV module factory**



On Wednesday SolarWorld announced that it has acquired the PV module factory of Bosch Solar Energy in Arnstadt, Germany. The facility brings 700 MW of annual PV cell production capacity, and upon the acquisition SolarWorld will possess more than 1 GW of PV cell and module capacity. [More](#)

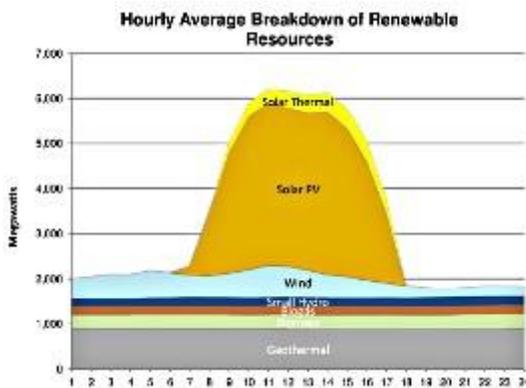
*Picture left: SolarWorld will gain 800 employees and 700 MW of PV cell production through the deal. (Bosch)*



Also, late last week Samsung and Canadian Solar officially opened a new PV module and medium voltage power station factory in Ontario. Canadian Solar has not specified the capacity of the facility, which began production in November 2013. [More](#)

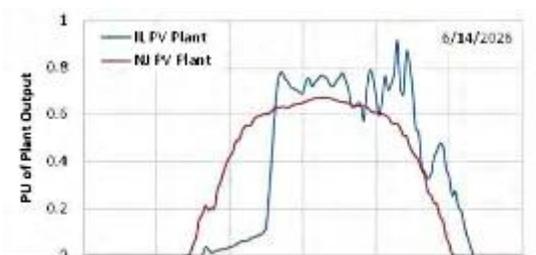
*Picture left: Canadian Solar PV modules made in the new factory will be used in Samsung PV plants in Ontario*

**Solar integration: California peaks at over 4 GW of utility-scale solar generation, PJM interconnection says Northeast grid can handle 30% wind, solar PV**



With the rapid growth of the global solar industry individual regions and nations are seeing higher and higher levels of solar deployment, and are preparing for what this means for the grid. California's grid operator reports that the state's PV and CSP plants peaked at over 4 GW late last week, a new record and nearly double the record set only nine months ago. This figure does not count behind-the-meter rooftop PV. [More](#)

*Picture left: All utility-scale renewables together provided over 6 GW for five hours during the day*



While less PV is deployed in the U.S. Northeast, grid operator PJM Interconnection is studying the potential to integrate large amounts of renewables, finding that enough wind and solar to provide 30% of the region's electricity can be successfully incorporated, given transmission upgrades and increased reserves. [More](#)

*Picture left: The report found that the variability of PV is greatly reduced over PJM's large geographic area*

## Large Scale Solar UK Conference, 29 April – 1 May 2014, Kelham Hall, Notts, UK

# LARGE SCALE SOLAR UK CONFERENCE

Back by popular demand, the Large Scale Solar UK conference was the first and only dedicated large-scale conference of its kind launched in 2013. With a guided site visit included, an extended 2-day programme on policy, planning, development and financing, this year's conference is set to attract more interest from leading developers, investors and landowners. A planners' workshop FREE for local authority and parish council will be taking place on 29 April.

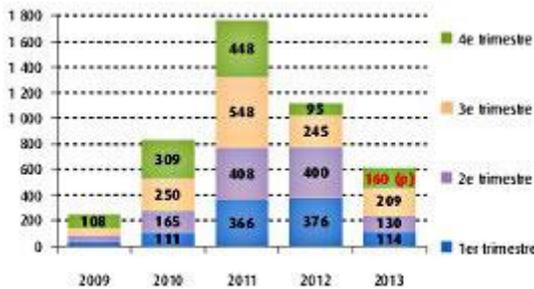
Sessions to be covered during the conference include:

- Solar market drivers in 2014
- The Importance of site selection
- Post-subsidy solar
- Unlocking and enabling more development
- Utility & grids
- Responsible management of your asset

**Save £ 76 on early bird tickets. Sale ends 31 March.** Places limited so book early to avoid disappointment as tickets sold out weeks prior to the event. For delegate packages, bookings and programme, visit:

<http://largescale.solarenergyevents.com>

### French PV market falls in 2013



Late last week France's Ministry of Ecology, Energy and Sustainable Development released preliminary figures for the nation's PV market, finding a 45% fall to only 613 MW in 2014. This is substantially lower than grid operator RTE's previous estimate of 743 MW for the year. [More](#)

Picture left: This is the second year of sharp decline for the French PV market, after peaking in 2011. (MEEDD, France)

### EPIA: 37 GW of solar PV installed in 2013, driven by Asian feed-in tariffs



Finally, late last Thursday the European Photovoltaic Industry Association (EPIA) released its initial estimate of the 2013 global PV market at 37 GW, a 24% increase. EPIA finds that as European markets contracted Asia and North America boomed, with China installing 11.3 GW, Japan 6.9 GW and the United States 4.8 GW. The organization credits Chinese and Japanese feed-in tariffs for the fast growth in those markets. [More](#)

Picture left: EPIA estimates that China installed 11.3 GW of PV in 2013, driven by its feed-in tariff. (Goldpoly)

Promotion

**electro, automation & energy 2014**  
**2-day conference on "Renewable Energy, Energy Efficiency and Energy Transition"**



The 8<sup>th</sup> edition of Algeria's International Trade Fair on Renewable and Conventional Energy, Energy Efficiency, Electrical Engineering, Lighting and Automation has been scheduled for 18 to 20 May 2014 at the Palais des Expositions d'Alger-Safex. Algeria's major energy and electrical engineering event is organised by the German-Algerian trade fair specialists [fairtrade](#).

The 2014 event will be accompanied by a two-day conference with the topic: [Conference 2014 "Renewable Energy, Energy Efficiency and Energy Transition"](#)

Algerian imports of power and electro-technology continuously increase, from 2.678 billion Euro in 2010 over 3.063 billion Euro in 2011 to 3.219 billion Euro in 2012. France, China, Italy, the USA, Germany and Spain have been the major supplier countries.

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

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