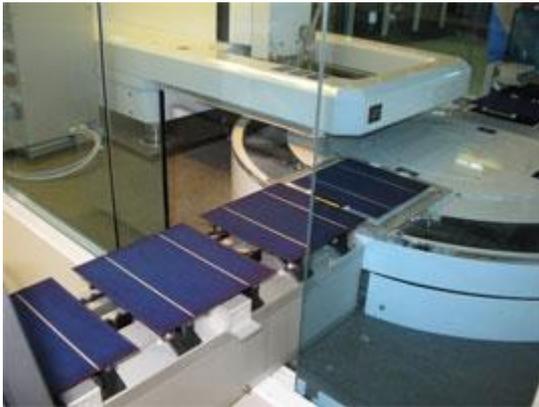


Welcome to Solar Weekly Insight, presenting the most important developments in the global solar industry, ranging from significant industry trends, policies, research, and new technologies to markets and pricing.

This week's edition focuses on China's 12 GW of PV capacities added in 2013, large CIGS ramp-up plans, big PV in Australia, and the U.S. adding significant solar capacity and jobs in 2013.

U.S. begins anti-dumping, anti-subsidy investigations into solar PV from China, Taiwan



Late last week, the U.S. Department of Commerce ruled to pursue anti-dumping and countervailing duty (CVD) investigations of imports of crystalline silicon PV from China and Taiwan, following a petition by SolarWorld Americas. The U.S. International Trade Commission will issue its preliminary injury determinations on February 14th, 2014. [More](#)

TrendForce's EnergyTrend division reports that this investigation has not yet impacted Taiwan's silicon wafer and PV cell business, and does not expect impacts until March 2014. [More](#)

Picture left: EnergyTrend expects PV cell prices to continue to rise through February 2014.

Image: Arise Technologies

China PV: China installs 12 GW of PV in 2013, Hanergy orders 600 MW of CIGS PV equipment



Tariffs and threats of tariffs have also not deterred China's PV industry and markets from moving forward. This week BNEF reported that the nation installed at least 12 GW of PV in 2013, and possibly as much as 14 GW. [More](#)

Picture left: China aims for rooftop PV to make up 60% of 2014 installations, which will represent a major market shift. Image: China GoGreen



Also this week, Hanergy announced that it has ordered CIGS thin-film PV equipment for a subsidiary with an annual output of 600 MW, based on technology it acquired from MiaSolé and Solibro. Ultimately, Hanergy plans to build 5 GW of CIGS PV capacity, which will transform the thin-film PV sector. [More](#)

Picture left: The manufacturing lines will be based on CIGS technology from MiaSolé and Solibro.

Image: MiaSolé

Pakistan sets rates for PV feed-in tariff



This week Pakistan announced rates for its feed-in tariff for PV, which are split according to geography and are set higher for the plant's first 10 years. Under the policy, plants in the nation's northern region will receive USD 0.209 per kWh for the first ten years and USD 0.087 for the next 15 years. Plants in the southern region will receive USD 0.200 and USD 0.083. [More](#)

Picture left: Tariff levels are set lower for projects in Southern Pakistan, which includes some arid regions with very strong natural solar potential. Image: Flika, Wikipedia

Big PV in Asia-Pacific: First Solar breaks ground on Australia's largest PV project, SunEdison puts online 19 MW airport PV plant in Malaysia



This week saw two landmark announcements in the Asia-Pacific region. First Solar has begun construction on the 102 MW-AC Nyngan PV project in Australia, which is larger than any operational solar plant in the Southern Hemisphere. [More](#)

Picture left: The plant will utilize First Solar's cadmium telluride thin-film PV modules



Also, SunEdison put online a 19 MW PV plant at the Kuala Lumpur International Airport in Malaysia, consisting of carport, rooftop and ground-mounted components. This is the largest PV project in Malaysia to date. [More](#)

Picture left: SunEdison notes that the plant takes advantage of under-utilized spaces at the airport

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In partnership with Solar & Off-grid Renewables Africa, the first 25 Solarserver readers to book using the promotional code: **SOLARSERVER25** will receive an **exclusive 25% discount** off bookings. **Apply the code before 31 Jan 2014 and receive 25% off early bird tickets.** Places limited so don't miss out.

U.S. adds significant solar capacity and jobs in 2013... but less than Obama thinks



This week the U.S. Federal Regulatory Commission put out final 2013 numbers on energy infrastructure, finding that the U.S. put online 2.94 GW of utility-scale solar photovoltaics (PV) and concentrating solar power (CSP) during the year. [More](#)

Picture left: Solar projects put online in 2013 include Abengoa's 280 MW Solana plant, the largest CSP plant in the world. Image: Abengoa



Also this week The Solar Foundation released its annual solar jobs census. The report found that the U.S. solar industry added 24,000 additional jobs in 2014, to bring the nation to 143,000 employed in solar. This 20% increase is much faster than the nation's average employment growth rate of 1.9%. [More](#)

Picture left: The study found that installers make up more than half of U.S. solar jobs. Image: First Solar



While these are significant developments, they are not as impressive as U.S. President Obama seems to think. This week in his State of the Union address, President Obama said that the nation is "becoming a global leader" in solar. For that claim to be credible, the United States is going to have to increase the ambition of its policies. [More](#)

Picture left: President Obama mentioned solar in the context of his "All-of-the-above" energy strategy. Image: White House

Fraunhofer ISE: Solar PV to be cheaper than fossil fuel generation by 2030



This week Fraunhofer ISE released a new study which finds that the levelized cost of electricity (LCOE) of renewable energy sources including PV is already competitive with some fossil fuels generation in Germany, and will be cheaper than most forms of generation by 2030. [More](#)

Picture left: Fraunhofer ISE notes that some large PV plants are currently competitive with combined cycle gas generation. Image: Juwi

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