

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 ongoing uptrend for solar PV modules, an ambitious European PV research program, UK Q1, 2015 deployments, and IEA PV Program's new 2014 Annual Report.

In addition we recommend energy storage highlights at Intersolar / ees Europe next week.

PV price index:

Average module price up by 5.6 percent in April; other than for European products

In May 2015 prices for crystalline PV modules from Asia increased an average 5.6 % compared to April. The price for products from Japan and Korea rose by 6.6%. Chinese modules became 3.7 percent more expensive, and products from Southeast Asia, Taiwan were sold at EUR 0.49/Wp – up 6.5 % compared to March.

PRICE INDEX - MAY 2015

Module type, Origin	€/Wp	Trend from April 2015	Trend from January 2015
Crystalline modules			
Germany, Europe	0.60	0.0 % →	0.0 % →
Japan, Korea	0.65	+ 1.6 % ↗	+ 6.6 % ↗
China	0.56	+ 1.8 % ↗	+ 3.7 % ↗
Southeast-Asia, Taiwan	0.49	+ 2.1 % ↗	+ 6.5 % ↗

However, German and European modules prices are unaltered since January 2015.

The fact that prices of European modules, aside from slight fluctuations, are persisting now since October 2014 obviously results from the EU anti-dumping measures. Now modules originating from other regions are tending to also reach this level. [PV price index](#)

European PV research program aims to achieve 25 percent efficiency with thin-film solar cells

On June 2nd, 2015 the European research project “Sharc25” announced that it is setting out to make an extremely efficient thin-film solar photovoltaic (PV) cell for the next generation of more cost-effective solar modules. The objective is to achieve up to 25 percent efficiency in thin-film solar cells made by the co-evaporation of copper indium gallium (di)selenide, or CIGS for short.



European thin-film solar PV research now aims at 25 percent efficiency for CIGS cells

That kind of performance would top the previous best mark by just over three percentage points.

An improvement on this scale would challenge the dominance of multi-crystalline solar cells from Asia, and the newfound competitive edge could give the European thin-film PV industry a decisive boost.

Able to achieve 20.4 percent efficiency, CIGS solar cells on plastic foil are almost on par with multicrystalline solar cells. [More](#)

Promotion

Invitation to the INTERSOLAR EUROPE 2015



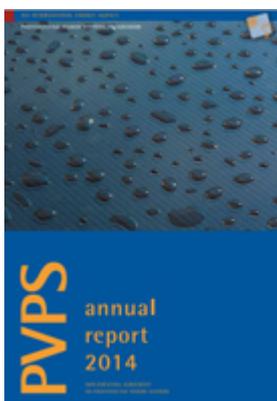
Additional information and free Tickets:
www.lappkabel.com/intersolar

Visit the Lapp Group at the Intersolar exhibition in Munich at Stand 458 in Hall A2. Be astounded by our innovative connection solutions for the solar technology of tomorrow. Lapp has been developing connection solutions for photovoltaic modules for over ten years. Besides many successful, tried-and-tested solutions Lapp also has its nose in front in the growth market for organic photovoltaics, where it is generating much interest with its innovative connection technology. Latest example: the German Pavilion at the World's Fair in Milan.

IEA PV Programme 2014 Annual Report:

For the first time in history, PV satisfies more than 1% of the global electricity demand

IEA PVPS published its Annual Report on May 26th, 2015. In a solar photovoltaic (PV) market becoming rapidly global, the IEA's PV technology cooperation program continues to provide unbiased and reliable information on PV deployment and challenges.



“Electricity from solar photovoltaic (PV) power systems has continued to grow all around the globe achieving, for the first time in history, more than 1% of the annual global electricity demand, comments IEA PVPS Chairman Stefan Nowak. [More](#)

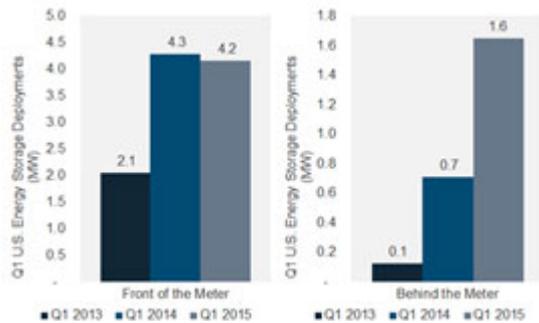
The report provides concise information about IEA PVPS collaborative projects and member country specific developments.

Download link: <http://www.iea-pvps.org/>

Energy storage highlights and events:

The U.S. deployed 5.8 MW of energy storage in Q1, 2015, up 16% y/y

According to the latest U.S. Energy Storage Monitor, a quarterly report from GTM Research (Boston, Massachusetts, U.S.) and the Energy Storage Association (ESA), the United States deployed 5.8 megawatts of energy storage in the first quarter of the year – up 16 percent over the first quarter of 2014.



Seventy-two percent of the nation's recently deployed capacity was in front of the meter across six storage systems.

The remaining 28 percent was behind the meter at residential, commercial, education, nonprofit and military sites. [More](#)

Promotion

Escrapalia are proud to offer for sale the complete T-Solar 60MW PV Thin Film manufacturing facility in Ourense, Spain by negotiated sale and public online auction. The sale comprises of state of the art solar panel manufacturing, test and associated handling equipment.



ESCRAPALIA

Visit us at InterSolar in Munich on the 10-12th June, Stand B4-517 www.intersolar.de

Large process equipment is available immediately to be followed by an online auction on 24th June.

For a detailed lot listing, photographs and specifications please visit: <http://www.escrapalia.com/subastas/evento/312>

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ees energy storage Forum and special innovative mobility exhibit in Munich

ees Europe's expert presentation program on energy storage technologies at the ees Forum during June 10-12 presents technology news and innovations (including the latest product ideas of ees AWARD finalists on Wednesday, June 10).



Topics range from residential storage systems to industrial applications and utility-scale storage.

Friday morning, experts will shed light on the combination of renewable energies and electric transportation, and on Friday afternoon the current guidelines for safe installation of batteries will be discussed.

Further information: www.ees-europe.com

Electric transportation and renewable energies are a perfect match. Find out more about innovative vehicle concepts and charging technologies at the ees Europe Special Exhibit Innovative Mobility, hall B1, booth B1.470.





Solar Server at Intersolar Europe 2015:

Hall B2; Booth 359. We are looking forward to meeting you in Munich!



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

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