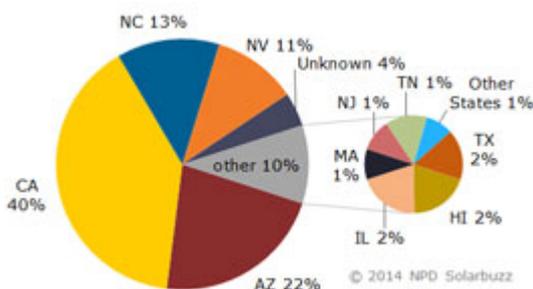


Welcome to Solar Weekly Insight, presenting the most important developments in the global solar industry, ranging from significant industry trends, policies, research, and new technologies to markets and pricing.

This week's edition focuses on new analysis of the global, US, and UK PV market, solar industry Q2 results, and capacity expansions.

## UK reaches landmark 5 GW solar PV generation capacity

According to newly updated information from NPD Solarbuzz solar photovoltaic (PV) capacity installed in the United Kingdom has now reached 5 gigawatts (GW), making the U.K. just the sixth country to hit this landmark figure.



Source: *NPD Solarbuzz UK Deal Tracker, NPD Solarbuzz European PV Markets Quarterly, 2014*

90 percent of the 5 GW PV capacity has been installed in the past three years.

And 46 percent of the capacity is located in the South West and South East regions (Chart left).

Of the other five leading solar-PV countries, Germany remains the undisputed leader, with more than 37 GW installed. China, Japan, Italy and the United States each have more than 10 GW.

[More](#)

## New report provides insights on Solar PV, solar thermal and energy storage world-wide

On August 10<sup>th</sup>, 2014 Hanergy Holding Group and China New Energy Chamber of Commerce issued the "Global Renewable Energy Report 2014".



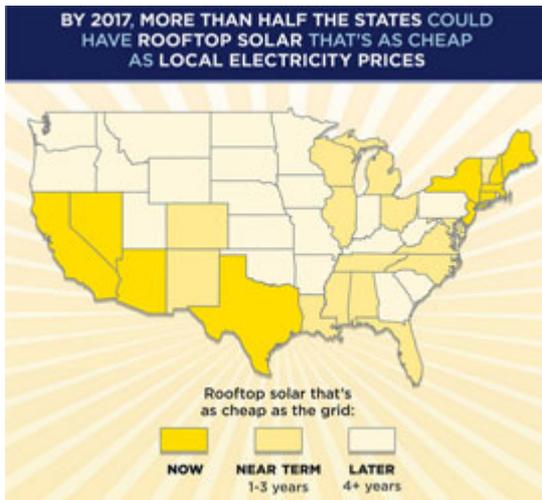
The report not only provides detailed analysis of PV markets and financing activities but also covers global markets for concentrating solar power (CSP), solar heating markets, biomass, wind, geothermal and ocean energy as well as energy storage markets.

The extensive document (138 pages) in addition covers global carbon markets.

The full report can be downloaded free of charge from [Hanergy's website](#).

## Rooftop solar PV to reach grid parity in more than half of the U.S. states by 2017

Based on a comparison of average local electricity costs with the projected average national price of an installed rooftop solar PV system the Union of Concerned Scientists (UCS, Cambridge, MA) finds, that **by 2017** more than half of U.S. states could have rooftop solar that's as cheap as grid electricity – even without considering state and local incentives.



## 1 million of solar PV homes in the U.S. expected by 2020

In several regions in the U.S. rooftop solar PV is cost competitive, and many more states may soon follow.

In 2006, some 30,000 U.S. homes had rooftop solar PV systems. By 2013, that number had grown over 1000 percent to almost 400,000 homes.

This number will likely continue to increase at an impressive rate. Projections from the U.S. Energy Information Administration suggest that the U.S. is headed to almost 1 million solar PV homes by 2020. [More](#)

## Solar industry Q2 results: Good news from AE, Meyer Burger, and SolarCity

Also this week leading solar PV companies announced results for the second quarter 2014. Advanced Energy reported an 11.0% increase in solar PV inverter sales. PV production technology provider Meyer Burger announced significantly increased sales (+43%) and orders (+90%) within a slowly recovering market for solar photovoltaic (PV) equipment.



And SolarCity reported record PV deployments, orders in Q2, 2014. The company passed the 140,000-customer mark in June 2014 - with more than 30,000 customers added in the second quarter alone- an increase of 218% over the year ago quarter.

SolarCity ended the second quarter of 2014 with cumulative deployments of 756 MW, now capable of producing over 1,000 gigawatt hours (GWh) annually. [More](#)

## Hanwha Q CELLS, JinkoSolar announce multi-MW production capacity expansion

Last week, Hanwha Q CELLS headquartered in Thalheim, Germany, has completed the construction of an additional 204 MW production line for high performance solar cells in its Malaysian manufacturing facility.



In addition the company announced a further increase in PV production capacity to more than 1.5 GW in total. [More](#)

*Picture left: Hanwha Q CELLS has launched "Manufacturing Excellence Initiatives" at both its production sites in Malaysia and Germany, which are expected to result in an additional capacity increase of around 230 MW by the end of this year.*

JinkoSolar Holding Co., Ltd. (Shanghai, China), on August 11<sup>th</sup>, 2014 announced that it has opened a solar PV module factory in Cape Town, South Africa. Located in 2 Evans Avenue, Epping Industrial 1, Cape Town, the factory covers an area of 5,000m<sup>2</sup> and has annual production capacity of 120 MW. JinkoSolar invested a total of approximately USD 7.5 million in the factory which is expected to create 250 jobs. [More](#)

## Further global solar news:

- [Yingli Solar to supply over 30 MW of PV modules to Gestamp Solar for solar power plant in Japan](#)
- [Saudi Arabia offers one of world's lowest solar power costs](#)
- [PV project developer nv vogt secures financing for solar power plants without subsidies in the Philippines](#)

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

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### Publisher:

#### Heindl Server GmbH

Kaiserstraße 137  
D - 72764 Reutlingen

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

Fax: +49 (0)7121-69681-38

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HRB 382398 Handelsregister des Amtsgerichts  
Stuttgart

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

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