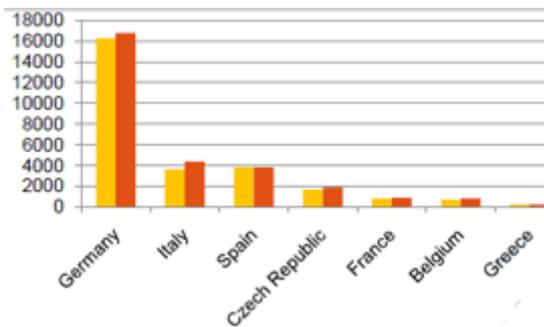


Solar Weekly Highlights

Welcome to the March 2nd, 2011 edition of solar weekly highlights, presenting the most important developments in the global solar industry, ranging from significant industry trends, policies, research, and new technologies to markets and pricing.

2010 was a year of broken records for the PV industry. During the last week new information has surfaced on the scale of global PV markets in 2010, and as more fourth quarter 2010 financial results are released the industry is seeing dramatic growth reported by many PV manufacturers.

2010 financial results, market estimates: more records broken

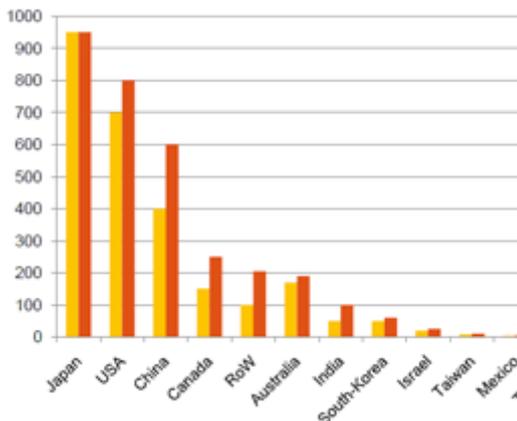


Estimated cumulative installed PV capacity in 2010 (MW)

The EPIA released a report that Europe added 13GW of PV during the year, leading to a cumulative installed capacity of 28GW, with Germany along adding 6.5GW during 2010. [More](#)

The total energy output of the new PV installations world-wide corresponds to the electricity production of two large coal-fired power plants.

The cumulative installed capacity of PV in the EU at the end of 2010 amounted to more than 28,000 MW, with an energy output that equals the electricity consumption of around 10 million households.



Newly installed capacity ROW in 2010 (in MW)

3 GW installed outside Europe

According to the latest EPIA estimates, over 3,000 MW of new PV installations were outside Europe in the year 2010. The main contributors come from Japan, where almost 1,000 MW were installed, followed by the US and China. The data also show that, despite the huge PV potential especially in the Sunbelt countries, lack of political support still hampers the growth of these markets.

Among the companies reporting outstanding growth rates in 2010, Chinese PV manufacturers featured prominently. Trina Solar more than doubled its shipments and revenues in 2010, while maintaining high margins. [More](#)

- JA solar reported record revenues of USD 1.78 billion for the year, more than doubled its 2009 revenues. [More](#)

- JinkoSolar doubled its shipments while nearly tripling its net sales in 2010, as it shifted the emphasis in its production from wafers to modules. [More](#)
- As PV markets and module sales have boomed, so have inverter sales, with inverter maker Satcon reporting a 230% growth in revenues in 2010. [More](#)
- However, there were significant exceptions to the Q 4 PV boom, and 2009 industry leader First Solar saw a 23.6% decline in revenues during the fourth quarter of 2010 to USD 610 million. [More](#)

Ontario approves 257MW in FIT contracts

At least one regional market will also have a strong year in 2011, thanks to the first province-wide European-style feed-in tariff in North America. Last week the Ontario Power Authority announced feed-in tariff (FIT) contracts for 35 large PV projects totaling 257MW, including awarding 148MW of contracts to SkyPower and 31MW to SunEdison. [More](#)

New Solar Interview: Solar Junction Co-founder Craig Stauffer on tunable bandgaps, lattice matching and the making of high-efficiency CPV cells



Craig Stauffer is a co-founder of Solar Junction, which on February 15th 2011 announced that it has achieved 41.4% efficiency on a production-sized concentrating solar photovoltaic (CPV) cell, as verified by the U.S. Department of Energy's National Renewable Energy Laboratories. At Solar Junction, Mr. Stauffer directs strategic initiatives, and previously served as the Company's CFO. <http://www.solarserver.com/solar-magazine/solar-news/current/2011/kw08/economic-policy-institute-arra-created-or-saved-between-three-and-four-million-us-jobs.html>

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Best Regards; Rolf Hug, Editor in Chief

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