

SOLAR ENERGY FACTS: Q3 2014

36% OF ALL NEW ELECTRIC CAPACITY IN 2014 FROM SOLAR

Q3 2014 represented the second largest quarter ever for solar installations in the U.S., with installed photovoltaic (PV) capacity topping the gigawatt mark for the fourth consecutive quarter to settle at 1,354 megawatts (MW). This performance represents 41% growth over Q3 of last year and brings cumulative installed solar capacity to 17,500 MW. With nearly 600,000 solar installations through Q3, the U.S. solar industry is on pace to complete its 1 millionth installation in 2015. Through Q3, 36% of all new electric capacity installed in 2014 has come from solar. (All data from SEIA/GTM Research "U.S. Solar Market Insight: Q3 2014" unless otherwise noted.)

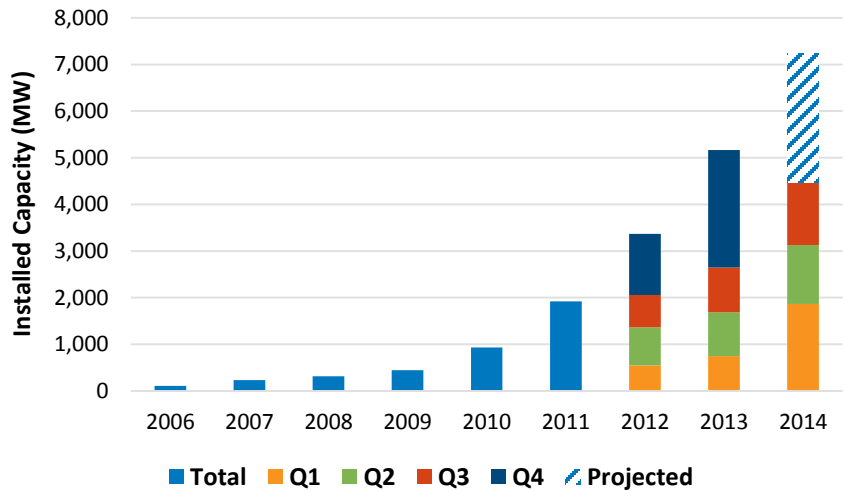
Installations Continue To Boom

- There are now over 17,500 MW of cumulative solar electric capacity operating in the U.S., enough to power more than 3.5 million average American homes.
- With over 49,000 installations in Q3, nearly 600,000 U.S. homes and businesses have now gone solar. Through Q3, a new solar project has been installed every 3 minutes in 2014.
- Growth in Q3 was led by the residential sector, which grew 58% over Q3 2014, and the utility-scale sector, which installed over 800 MW for the 3rd time in 12 months.

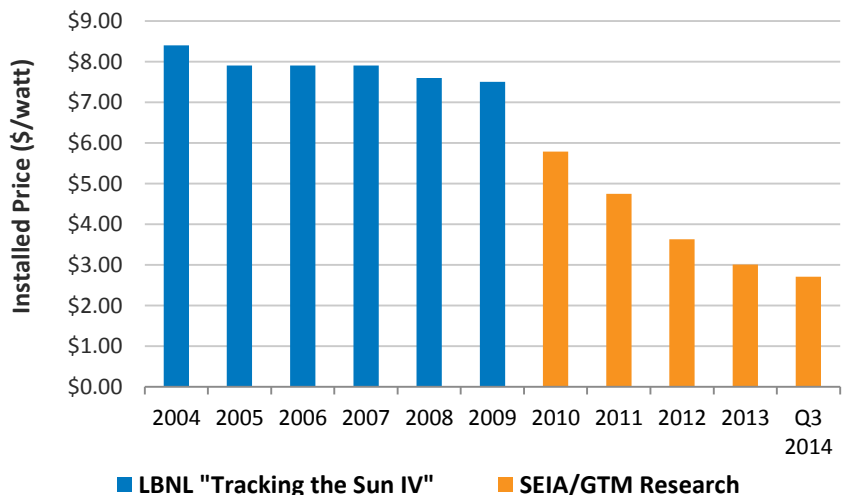
Solar More Affordable Than Ever

- Year-over-year, the national average PV installed system price declined by 11% to \$2.71/W in Q3.
- Since the third quarter of 2010, the average price of a PV panel has dropped by 63%.

U.S. Solar Electric Installations



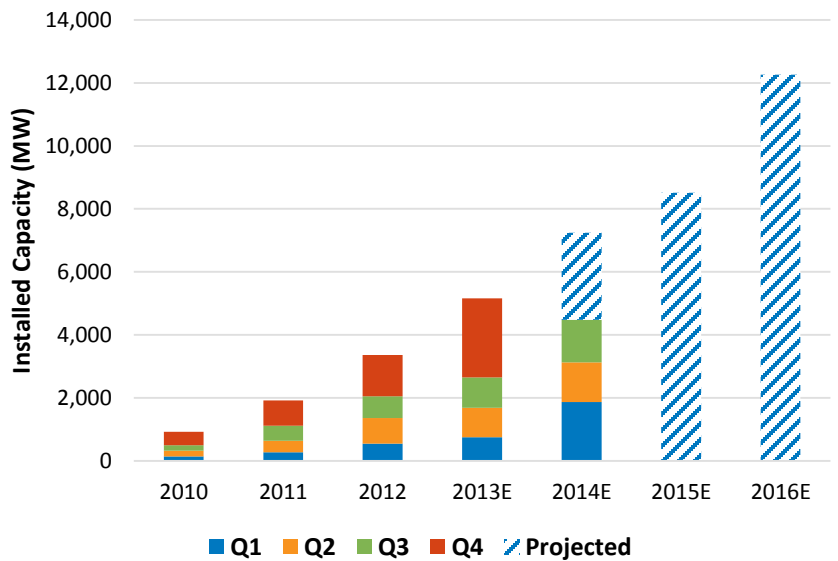
Average PV System Prices



Record Growth to Continue

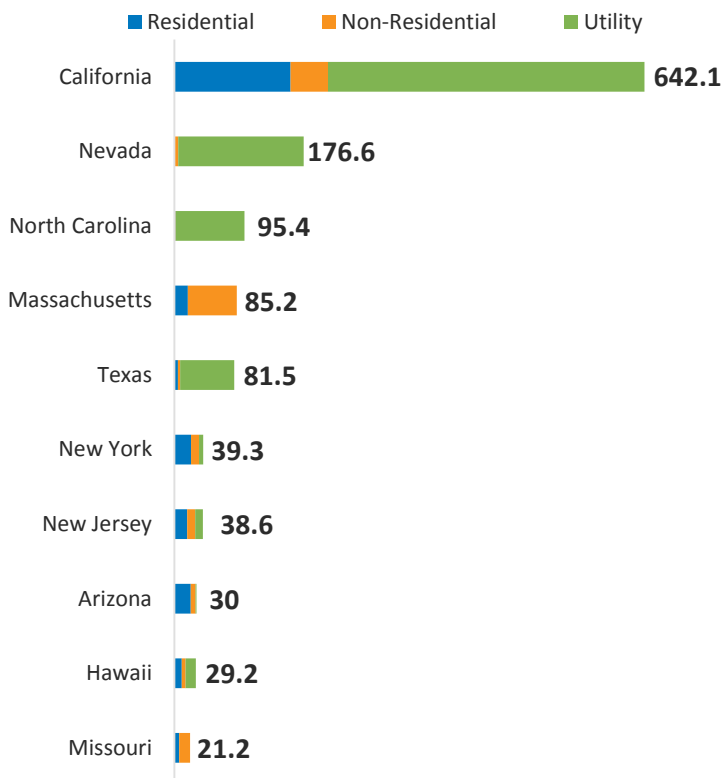
- Roughly 6,500 MW of PV is forecasted to come online in 2014, representing 36% growth over 2013's record installation levels.
- 2014 will be a record year for CSP as 767 MW is expected to be commissioned by years end.
- By the end of 2014, the U.S. should have over 20 GW of cumulative solar electric capacity, roughly the same amount that is expected to be installed just from 2015 - 2016.

U.S. Solar Installation Forecast

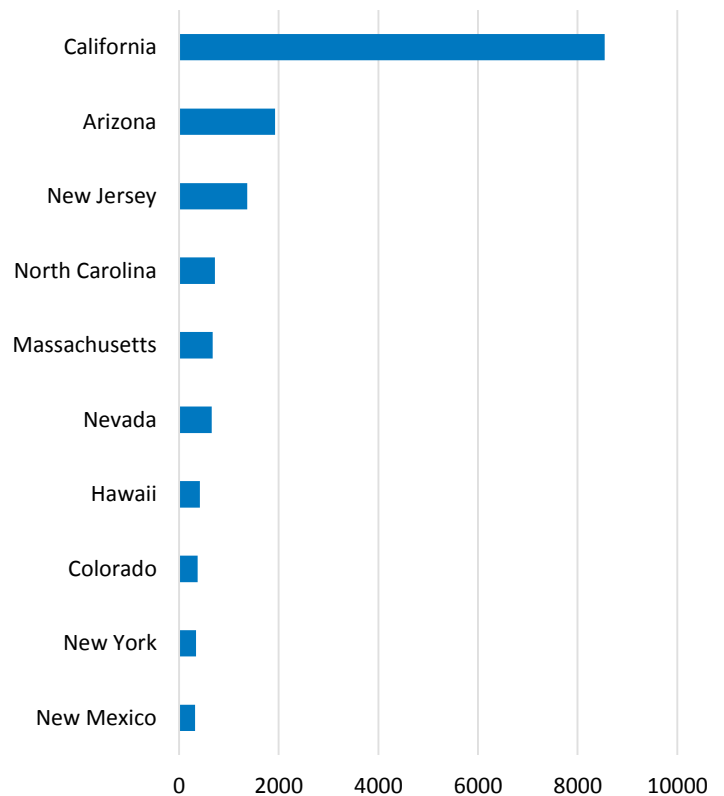


State Rankings

Q3 2014 Installed PV Capacity

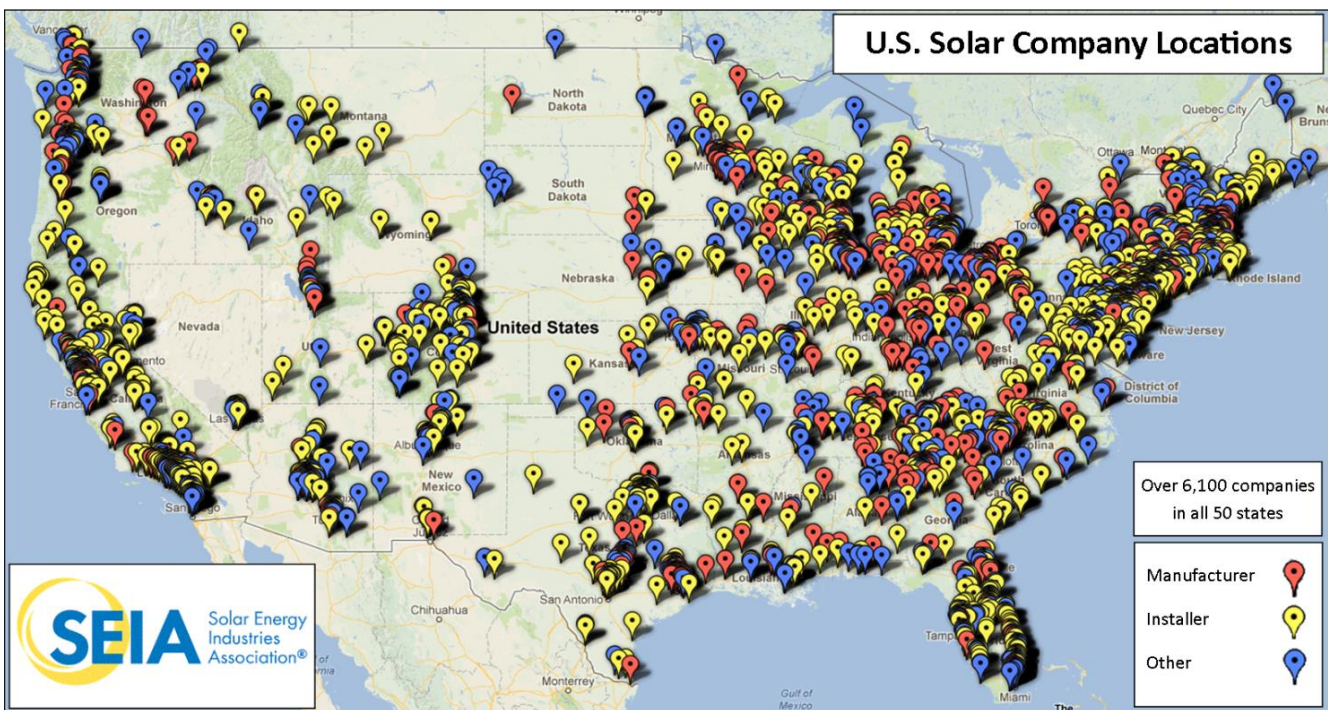
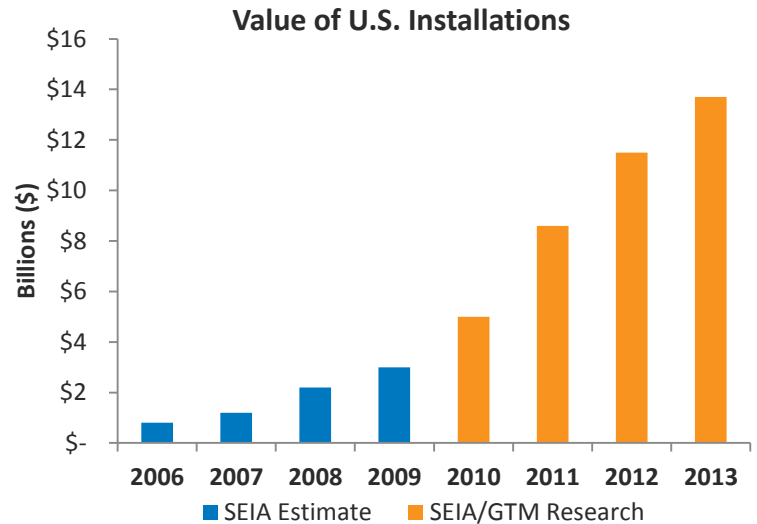
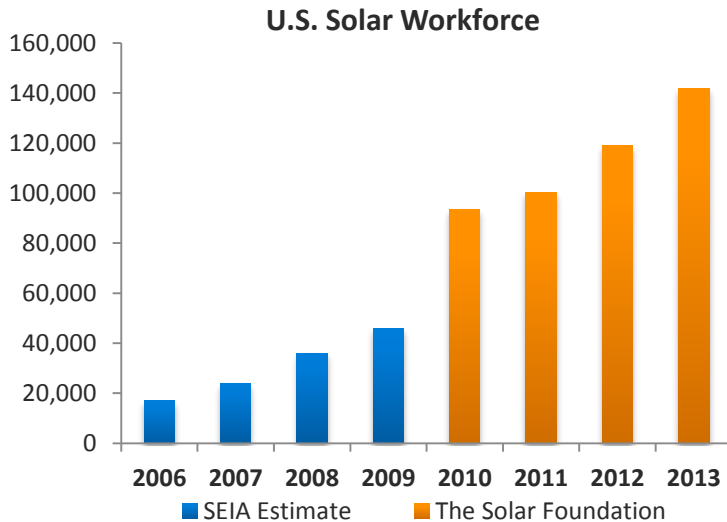


Cumulative Solar Electric Capacity



Solar Is an Economic Engine

As the solar industry grows, so does its benefit to the economy. There are now nearly 143,000 solar workers in the U.S., a nearly 20% increase over employment totals in 2012.¹ These workers are employed at 6,100 businesses in every state. The increasing value of projects has injected life into the U.S. economy as well. In 2013, solar installations were valued at \$13.7 billion, compared to \$11.5 billion in 2012 and \$8.6 billion in 2011.



¹The Solar Foundation "National Solar Jobs Census 2013"

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