

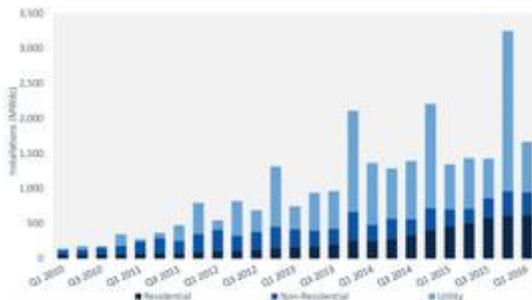
Welcome to Solar Weekly Insight, presenting the most important developments in the global solar and energy storage industry, ranging from significant industry trends, policies, research, and new technologies to markets and pricing.

This week's edition focuses on the booming U.S. solar PV market, the energy storage market in the United States, and projects totaling 482 MW chosen as part of the Australian Renewable Energy Agency's (ARENA) new multi-million dollar large-scale solar PV round.

In addition we present market research highlights on the Indian solar PV market, and Tabuchi America's USD 300 million loan program for residential solar-plus-storage.

U.S. solar PV market adds more than 2 GW in Q2, 2016

Growing 43 percent year over year, the U.S. saw 2,051 megawatts (MW) of solar photovoltaics (PV) installed in the second quarter of 2016. According to GTM Research and the Solar Energy Industries Association's (SEIA) latest "U.S. Solar Market Insight report", this marks the eleventh consecutive quarter in which more than a gigawatt (GW) of PV was installed.



Annual U.S. solar PV installations
Q1, 2010–Q1, 2016

"We're seeing the beginning of an unprecedented wave of growth that will occur throughout the remainder of 2016, specifically within the utility PV segment," said Cory Honeyman, GTM Research associate director of U.S. solar research.

"With more than 10 gigawatts of utility PV currently under construction, the second half of this year and the first half of 2017 are on track to continue breaking records for solar capacity additions." [More](#)

Solar in Australia:

12 new PV plants in Australia totaling 482 MW get USD 92 million support

Twelve new large-scale solar photovoltaic (PV) plants are set to be constructed across Australia, tripling the amount of energy produced from utility-scale solar.

The 12 PV projects totaling 482 MW have been chosen as part of the Australian Renewable Energy Agency's (ARENA) multi-million dollar large-scale solar round. They are expected to unlock almost USD 1 billion of commercial investment and boost regional Australian economies.



Australia's large-scale solar capacity to be tripled from 240 MW to 720 MW.

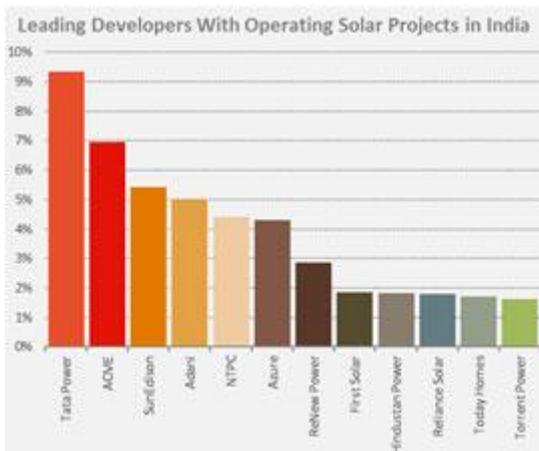
Six PV plants in Queensland, five plants in New South Wales and one plant in Western Australia are slated for funding, in a major milestone that's expected to triple Australia's large-scale solar capacity from 240 MW to 720 MW. [More](#)

Tabuchi America launches USD 300 million loan program for residential solar-plus-storage

Tabuchi Electric (Osaka, Japan) subsidiary Tabuchi America (San Jose, CA, U.S.), a solar-plus-storage provider, on September 8th, 2016 announced the GEOSmart SolPower Program, a 20-year loan program and lease option that will provide USD 300 million in financing for residential solar photovoltaics (PV) plus energy storage installations. [More](#)

Adani and Tata Power are leading India's fragmented solar PV sector

According to Mercom Capital Group's latest report "India Solar Quarterly Market Update", large-scale solar photovoltaic (PV) project development in India is largely fragmented but a shift towards the sector to be dominated by large corporations and private equity-backed players is visible.



The Adani Group, an infrastructure and power conglomerate, which entered the solar sector just over two years ago, now has the largest overall solar PV project pipeline in India with almost 2 GW.

Adani, with approximately 11 percent market share, has the most PV projects under development in India followed by ReNew Power, a wind and solar company backed by Goldman Sachs with ~10 percent market share. [More](#)

Chart left: Tata Power, ACME, SunEdison, Adani, and NTPC are the five leading developers in terms of operating PV projects

Promotion

Intersolar India presents "Smart Renewable Energy Track"

From October 19–21, Intersolar and ees India, the major solar-plus-storage events in India, will present the latest products and networking opportunities in Mumbai to more than 11,000 solar and energy storage professionals from around the world.

India's electrical storage market is projected to reach USD 200 million by 2018. The key drivers for this growth are the mandated replacement of DG sets by solar for telecom towers, the expected growth of mini and micro grids, and the imminent need for grid stability arising out of growing solar and wind penetration.



Intersolar India will present technology innovations from 230 solar and storage companies. [Register now](#) and enjoy the complimentary services at Intersolar India

Intersolar India's **Smart Renewable Energy Track**, a key part of the trade show, will take place on Thursday, October 20th, 2016 and cover a wide range of topics stretching from micro-grids over corporate companies deploying renewable energy to what are the drivers in India regarding electrical energy storage solutions. [More](#)

In a special session, "Smart Renewable Energy: electrical energy storage (ees) – What are India's Drivers for ees Solutions?", battery companies, developers and analysts will share their views on the Indian ees market and technology trends.

The U.S. deployed 41.2 MW of energy storage in Q2, 2016, on pace for another historic year

According to the latest U.S. Energy Storage Monitor, a quarterly publication from GTM Research (Boston, MA, U.S.) and the Energy Storage Association (ESA), the U.S. deployed 41.2 megawatts of energy storage in the second quarter of 2016, an increase of 126 percent over the first quarter of the year.



According to the report, the U.S. is on track to deploy 287 megawatts of energy storage in 2016.

Year-over-year, energy storage deployments were up just 1 percent. What the market lacked in annual growth, however, it made up for in geographic and market-segment diversification. [More](#)

Picture left: Battery energy storage system (BESS) and 4.2 MW solar photovoltaic (PV) systems in the service territory of the Village of Minster, Ohio

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

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