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BYD to Supply 170 MW to Utility Scale Projects and Gears Up to Launch its Residential Storage System, the B-Box HV in U.S.

Chinese new energy technology company BYD has won a multi-million-dollar contract to supply 170-MW solar modules for PV power plant projects in the U.S., the company announced at the Solar Power International 2017 convention in Las Vegas, September 10-13. The deal is BYD's largest single solar module order in the North American marketplace. In addition, BYD also revealed plans to launch its high-voltage B-Box home energy storage system (ESS) in the U.S. later this year.

BYD Wins Contract to Supply Solar Modules for Power Stations in U.S.



Visitors at the BYD booth

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BYD will supply 170-MW solar modules to NextEra Energy, a US-based renewable energy project developer. BYD completed several rounds of quality and performance tests to win the contract.

Speaking at the Solar Power International convention, Tom Zhao, Managing Director of BYD Solar Division, described how the development of BYD's integrated PV and energy storage program, especially the commercial operation of the world's first integrated PV and energy storage project in the UK, helped set the stage for the company's recent breakthrough in the U.S.

"The U.K. project provided real proof that solar can provide power comparable with conventional energy sources," Tom Zhao said. "BYD not only successfully enables the commercial operation of solar power we also are proactively exploring possibilities in wind power."

Since its installation a year ago, BYD's energy storage system powering the 60-MWh project in the UK has operated smoothly, responding quickly to the grid's demand, matching over 99 percent of aggregate demand with five to six cycles every day. This frequency regulation project is the biggest of its kind in the U.K.

Tom Zhao added that BYD is also in discussions with several global new energy companies about introducing EV-charging infrastructure and other solutions to help create a zero-emission closed loop system, from power generation to energy storage for sustainable consumption.

BYD Installs World's First Home B-Box HV, Announces Plan to Launch It in the U.S.



The successful installation of the global first high-voltage B-Box home ESS gained high recognition

Also in Las Vegas, BYD announced that the world's first installation of its high-voltage B-Box energy storage system had been completed. The battery system was installed in Germany, and employed nine battery

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modules for a combined capacity of 11.52 KWh. Thanks to its modular design, the capacity of the B-Box system can be further expanded as required. Up to five systems in total can be connected in parallel.

Launched earlier this year in Europe and Australia, BYD's B-Box is ideal for households to store the output of a rooftop solar system for use in the evening when lights, TVs, computers, kitchen appliances, and air-conditioning demand tends to rise. By doing this, the B-Box can minimize the amount of solar energy sent back to the grid, and negate the impact of costly peak time electricity tariffs, depending on location and utility tariff structure.

Following its introduction, the B-Box has received industry recognition, including being named one of the Top 10 International Power Storage Systems in the EES (Electrical Energy Storage) Award for 2017.

Looking to capitalize on B-Box's success, BYD plans to introduce the device in the US later this year, targeting east and west coast states, as well as Hawaii, where conventional electricity costs are high, and grid constraints make storage applications attractive.

BYD Exhibits New Energy Products in Las Vegas as Demand in North America Rises

Also at Solar Power International 2017, BYD's new energy product display included four models of new solar modules, as well as B-Box and Mini ES home energy storage system of different configurations.

As one of the world's leading new energy technology companies, BYD has shipped approximately 1-GW worth of solar modules in the U.S. to date, and has captured around 50-percent market share in the frequency regulation energy storage market – or about 25 percent of the entire American energy storage market. In addition, BYD has become one of the largest electric bus manufacturers in the clean mobility field, and its pure electric buses are being used by more than 40 fleet clients in more than 30 states in the U.S.

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About BYD

BYD Company Ltd. is a leading high-tech multinational company based in Shenzhen, China. Since its establishment in 1995, BYD has developed solid expertise in rechargeable batteries, becoming a relentless advocate of sustainable development. It has successfully expanded its renewable energy solutions globally with operations in over 50 countries and regions. After 22 years' development, BYD has created a Zero Emissions Energy Ecosystem – affordable solar power generation, reliable energy storage, cutting-edge electrified transportation and a state of the art monorail. These Four Green Dreams make BYD an industry leader in the energy and transportation sector. BYD is listed on the Hong Kong and Shenzhen Stock Exchange. For more information, please visit <http://www.byd.com>.

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