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**BYD Releases Plan for Rechargeable Battery Sustainable Development**

Renewable energy company BYD has announced plans to gradually increase the production of electric vehicle power and energy storage batteries and reduce the proportion of rare earth material in the batteries, as a supply crunch caused by increased market demand for new energy vehicles and batteries poses challenges for the renewable energy sector. The plan was unveiled at Battery Japan 2018, a part of the global renewable energy trade show World Smart Energy Week in Tokyo.



*Tom Zhao, BYD Battery Group's Managing Director of Overseas Sales Division, spoke at Battery Japan 2018*

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Speaking at the event, BYD Battery Group's Managing Director of Overseas Sales Division, Tom Zhao attributed the strategy to the company's forecast for an uptake in new energy vehicles. "We are pouring billions of RMB into creating the cleanest possible product because it's essential for us to live and breathe better," said Tom Zhao. "Every little step counts."



*The Opening Ceremony of World Smart Energy Week 2018*

The surge in interest towards new energy vehicles is reflected in BYD's worldwide expansion. In 2017, BYD sold around 130,000 units of new energy vehicles, ranking number one in global new energy vehicle sales for the third consecutive year. Since its establishment in 1995, the company's renewable energy products have gained a footprint in more than 200 cities around the world including Kyoto, Okinawa, London and Singapore.

Global interest in renewable energy has risen considerably as climate change concerns take center stage. Consequently, the disposal of waste batteries has become a point of concern. To that end, BYD has introduced ways to utilize batteries removed from decommissioned electric vehicles, recycling some for communication use in base stations, energy storage power stations, as well as other types of facilities and equipment. Batteries that cannot be re-used are disassembled with BYD's proprietary fully automatic equipment before their substances are removed.

Earlier in the week, BYD released a new solar module with improved reliability and increased power generation at Tokyo's World Smart Energy Week. The trade show, one of the world's biggest, saw the 5BB conventional half-cell solar modules showcased together with the 12BB double-glass half-cell solar module, 4BB bifacial double-glass solar modules and PCS (converter) for containerized energy storage system.

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The 5BB conventional half-cell solar batteries are now capable of producing more power because of a shorter conductor and reduced operating temperature. In specific application scenarios, the 5BB conventional half-cell solar batteries can also effectively reduce the temperatures of heat spots arising from debris and dirt blocking the module, lowering the risk of module failure and increasing module reliability.

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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 23 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 – has made it 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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