

New delhi battery storage

A battery storage ‘gigafactory’ in India will commence operation in October this year, with a planned ramp-up to 20GWh annual production capacity within three years.

Good Enough Energy, a domestically headquartered manufacturer of modular battery energy storage system (BESS) solutions, said this week that its factory in the Union territory of Jammu and Kashmir will have an initial annual production capacity of 7GWh.

The company's announcement was made at the 4th annual staging of India Energy Storage Alliance's (IESA's) Stationary Energy Storage Conference in New Delhi, which Good Enough Energy co-hosted with the industry advocacy and trade group.

National news outlet Economic Times reported that according to the company's founder, Ashak Kaushik, IR1.5 billion (US\$18.07 million) has been invested already in the plant. Good Enough Energy plans to ramp up annual production capacity to 20GWh by 2027, investing IR3 billion by that time.

On 19 March, the day prior to the announcement, founder Kaushik posted to business networking site LinkedIn that the company had also unveiled two new BESS products at the event before "esteemed" attendees such as Ministry of New and Renewable Energy (MNRE) joint secretary Dinesh Jagdale and advisor to the government of India Rajnath Ram.

As regular readers of Energy-Storage.news will be aware, the Union Government has been keen to support the deployment of energy storage solutions to enable the integration of renewable energy and enhance the reliability of the grid, as well as extend access to electricity to rural and remote areas of India.

That has been coupled with direct support for battery cell manufacturing through the Production Linked Incentive (PLI) scheme, through which an initial 50GWh of advanced cell manufacturing from domestic and international entities is being partially subsidised.

Meanwhile, what is thought to be the country's first BESS solutions to roll off an Indian production line have already been made in Pune by Tata AutoComp Gotion Green Energy Solutions.

A joint venture (JV) between Chinese cell manufacturer Gotion High-Tech and Tata Group company Tata AutoComp, the venture's factory went online last year. While a timeline was not given, the JV said it aimed to ramp its factory to 6GWh annual production capacity and would develop and make equipment ranging from battery packs to system-level technologies such as battery management systems (BMS).

Tata AutoComp Gotion Green Energy Solutions supplied BESS equipment to a Tata Power project, which is



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currently India's largest solar-plus-storage plant, pairing 100MW of solar PV with a 40MW/120MWh BESS.

Energy-Storage.news; publisher Solar Media will host the 2nd Energy Storage Summit Asia, 9-10 July 2024 in Singapore. The event will help give clarity on this nascent yet quickly growing market, bringing together a community of credible independent generators, policymakers, banks, funds, off-takers and technology providers. For more information, go to the website.

BSES Rajdhani Power Ltd's 20 MW/ 40 MWh project is India's first utility-scale standalone battery energy storage system to obtain regulatory approval under Section 63 of the Electricity Act, 2003. The project is supported by concessional loan from the Global Energy Alliance for People and Planet (GEAPP).

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