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An Outlook of the Renewable & Green Energy

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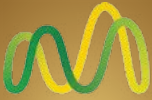
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JAKSON LAUNCHES 'ENERPACK', THE ALL NEW BATTERY ENERGY STORAGE SYSTEM: CLEAN, SILENT AND INSTANT POWER BACK-UP CUSTOMISED TO MEET ALL SEGMENTS

Jakson Group, a leading energy and infrastructure company takes a step forward towards mitigating climate change by launching EnerPack, its new Battery Energy Storage System (B.E.S.S). This product provides carbon-free clean power and enables uninterrupted silent power supply while significantly reducing costs. Equipped with a hybrid inverter, lithium-ion batteries, and intelligent energy management system, it has the intelligence of combining grid power, solar power, wind power, and even DG power supply.

Its compact and modular design makes it easy to transport and install, while fast-charge capability and low-system energy consumption makes it practical and pocket-friendly. BESS's uninterrupted power supply ensures zero production losses without disruption in operations.

Speaking on the launch of EnerPack, Mr. Sameer Gupta, Chairman & Managing Director, Jakson Group, said, "As an environmental friendly company, we are excited to introduce the Smart Battery Energy Storage System which is going to bring about a revolution

in the Distributed Energy space. This product is powered by an in-house design energy management system patented by Jakson and is capable of synchronization with various power sources. It is designed to optimize power and maximize renewable energy usage that will reduce energy costs for our end customers. With this launch of Battery Energy Storage Systems, Jakson Group takes another step towards mission 'Aatmanirbhar Bharat' and reaffirms its commitment to mitigate climate change".

The BESS commences from a 5KW range, can be customised and further scaled up to meet commercial, defence, healthcare, residential and other industrial applications. It also provides power backup for over 500 hours, reducing industry revenue loss due to power cuts. It requires a maximum 2 hrs of charging and can be remote monitored with encrypted data logging. It also complies with IEC standards, and the enclosure has IP – 54 certified protection. The product doesn't require civil work and has in – house smart EMS for optimal performance and efficiency. RM

PRESS RELEASE



Hitachi ABB Power, IIT Roorkee ink agreement to pilot sustainable energy ecosystem

Hitachi ABB Power Grids has inked a memorandum of understanding (MoU) with IIT Roorkee to pilot a smart and sustainable campus energy ecosystem. "Hitachi ABB Power Grids in India (listed on Indian stock exchanges as "ABB Power Products and Systems India Limited") has signed a memorandum of understanding with the Indian Institute of Technology Roorkee to progress toward a smart and sustainable campus energy ecosystem," a company statement said.

According to the statement, the project involves the creation of a smart energy management system and microgrid with battery energy storage and will also establish an integrated monitoring, analytics and control centre for systems -- ranging from energy

assets to transport, water, and waste on the IIT Roorkee campus. Additionally, the collaboration will develop opportunities for technology competency enhancement.

"Sustainability is at the heart of Hitachi ABB Power Grids' growth strategy. Hence, our agreement with IIT Roorkee advances our mission to harness technology to power good," said Venu Nuguri, Managing Director and CEO, Hitachi ABB Power Grids in India.

"The project, aligned with the UN Sustainable Development Goal 11, which aims to make cities inclusive, safe, resilient and sustainable, will serve as a model for smart and sustainable cities and communities..." he added. RM

Adani Green set to acquire 40-MW operational solar project in Odisha

Adani Green Energy (AGEL) is set to acquire a 40-megawatt (MW) operational solar project in Odisha from Essel Green at an enterprise valuation of Rs 219 crore.

With this acquisition, AGEL will achieve a total renewable capacity of 19.8 GW, according to the official company release.

"Adani Renewable Energy (MH), is a wholly-owned subsidiary of AGEL, has signed definitive agreements with Essel Green Energy to acquire 100 per cent economic value in an SPV that owns a 40 MW operating solar project in Odisha," it said.

The project has a long-term power purchase agreement with the Solar Energy Corporation of India for Rs 4.235 per unit with a remaining PPA life of about 22 years.

"With the acquisition of this project in Odisha, AGEL will now have its footprint across 12 states in India. We are on an expansion path that will make us the world's largest renewable player by 2030," said Vneet Jaain, managing director and chief executive officer, AGEL.

The company has a total portfolio of 5.4 GW operational assets, 5.7 GW assets under construction and 8.7 GW near construction assets. RM

POST-REI





JAKSON

MR. GAGAN D. CHANANA

COO, DISTRIBUTED ENERGY BUSINESS

JAKSON GROUP

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Jakson Group is a diversified energy and Infrastructure company having expertise in Distributed Energy, Solar Solutions and Electrical EPC Solutions. Jakson has four state of the art manufacturing facilities for manufacturing of Generating Sets, Solar Modules, Solar products and Battery Energy Storage Systems.

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Q. How was your experience in REI 2021?

The turnout at REI 2021 was fantastic, with a large number of visitors in our stall, most of which were serious business prospects. It was a resounding success. At REI 2021, we had two main goals: one, to showcase our expertise in solar module manufacturing with the new Helia Series, which has a power output of 600 watts - the first by any Indian solar panel manufacturer; and second, to inform people about our state-of-the-art Battery Energy Storage System (BESS)

Q. Please tell us about your Battery Energy Storage System (BESS).

We're launching a new Battery Energy Storage System (BESS), and we'll be the first company in India to do so. Our BESS range starts from 5 KW and is scalable to any capacity as per specific customer requirements. It is a complete hybrid solution equipped with an intelligent power management system that will enable our customers to seamlessly integrate renewable energy into their energy consumption mix. Apart from being an ideal solution for residential, commercial and industrial users, Jakson BESS is designed to provide uninterrupted power supply for critical applications such as healthcare, datacentre, etc. I believe that it will assist people and society; thus far, we have only talked about the future of energy generation, but with this device, we will be able to store energy and use it as and when needed. Initially, we'll be launching it in the Indian market, and after evaluating the response, we'll take it further.

Q. What is the footprint of JAKSON in solar industry?

Our presence in the solar industry has grown significantly over the past few years. We have a 600 MW solar panel manufacturing facility in Greater Noida, India, which is being scaled up to an annual capacity of 1 GW shortly. In addition, we own, operate, and maintain more than 200 MW solar installations as a solar IPP in India. Apart from this, we have an extensive solar EPC portfolio of more than 1 GW solar installation in rooftop and land-based segments in India and abroad. We have recently commissioned a 50 MW solar plant in Togo, Africa and expanding our reach to Middle East and SAARC countries in the near future.

Q. How Covid-19 and India's ties with China has affected the industry?

The COVID-19 pandemic and India's ties with China were two factors that impacted the sector. These two considerations stimulate Indian manufacturers to raise production, and the higher customs duties will deter imports from other countries, benefiting Indian producers directly. The government's AatmaNirbhar Bharat initiative provides a significant boost for Indian industries.

Q. Any other thing you want to tell us about JAKSON GROUP and its future plans.

Jakson Group has been an energy-focused corporation for the past 75 years, specializing in generator sets and holding a prominent market position. We want to stay focused on the energy segment now that we have heavily invested in solar and EPC segments. We'll also work as an energy adviser for customers, as we have a strong product portfolio and aim to expand our business and foothold in the solar industry. 