

Luminous Power Technologies Strengthens Its Commitment to Next-Generation Energy Solutions

Inaugurates the First Lithium-ion Battery Assembly Line at its Baddi Facility

New Delhi, January 27, 2026: Luminous Power Technologies, India's leading consumer energy fulfillment company, has inaugurated its first lithium-ion battery assembly line at Baddi, Himachal Pradesh. This new assembly line marks an important milestone in Luminous' long-term journey of strengthening advanced energy storage capabilities and reinforces the organisation's commitment to adopting the latest next-generation energy solutions.

The newly inaugurated Lithium-ion assembly line has a production capacity of **500 MWh** and integrates advanced robotic automation with precision-led manufacturing processes to ensure high standards of quality, safety, and performance across lithium-ion battery packs.

Rajiv Ganju, Sr Vice President, Manufacturing & Global Supply Chain, Luminous Power Technologies, said, "At Luminous, manufacturing is a core pillar of our brand promise to deliver reliable, high-quality energy solutions at scale. The inauguration of this advanced lithium-ion battery assembly line strengthens our integrated manufacturing and global supply chain capabilities, while reinforcing our focus on precision, localisation, and future-ready operations. This facility reflects how we are building resilient, technology-led manufacturing ecosystems to support India's evolving energy needs."

The new assembly line can manufacture standalone lithium-ion battery packs, stationary Battery Energy Storage Systems (BESS), and automotive battery packs for e-rickshaw applications. The facility supports a capacity range from 1.2 KWh to 16 KWh for single battery packs, with system-level scalability up to 1 MWh, enabling diverse use cases across residential, commercial & industrial, and electric mobility segments. The assembly line also features end-to-end digital traceability of every battery pack, fully aligned with the latest Battery Aadhaar requirements, enabling complete lifecycle tracking and strengthening regulatory compliance, transparency, and consumer confidence.

Ganesh Moorthi, Chief Technology Officer, Luminous Power Technologies, said, "The new lithium-ion battery assembly line marks the beginning of a long-term journey for Luminous as we continue to strengthen our capabilities in next-generation energy technologies. Designed to support standalone battery packs, stationary BESS, and e-rickshaw applications, the facility integrates advanced automation with multiple first-of-its-kind quality evaluation technologies. Combined with end-to-end digital tracking aligned with the latest Battery Aadhaar requirements, this assembly line enables us to deliver lithium-ion solutions that meet high standards of safety, reliability, and performance while remaining scalable for future needs."

Beyond manufacturing excellence, the Lithium-ion assembly line contributes meaningfully to Luminous' sustainability objectives. The new Assembly line will play a critical enabling role by supporting renewable energy storage, reducing carbon emissions through EV and grid applications, improving manufacturing efficiency through automation, and supporting circular economy practices through recycling and reuse of battery components.

The new assembly line is expected to generate employment, contributing to local economic development in the region. The operationalization of the lithium-ion battery assembly line is an important step towards strengthening the brand position as a **full-stack consumer energy fulfillment company**, supporting India's transition towards cleaner, more efficient, and future-ready energy systems.

About Luminous Power Technologies

Luminous Power Technologies is a leading provider of energy solutions, dedicated to advancing India's clean energy shift with a strong focus on innovation and sustainability. As the demand for reliable, clean, and efficient power increases, especially among residential consumers, Luminous, as a consumer energy fulfillment company, meets the changing energy needs of millions of households and businesses worldwide.

With a legacy spanning over 38 years, Luminous has built a robust presence in the energy and residential solar space. Its wide portfolio of innovative products, including inverters, batteries, and best-in-class solar solutions, is designed to provide the end-to-end energy management ecosystem with reliability, safety, and efficiency. The company operates seven state-of-the-art manufacturing facilities, supported by an expansive network of over 28 sales offices and 100,000 channel partners across India. Today, Luminous powers over 100 million Indian homes and is expanding its reach globally, with a presence in more than 40 international markets.