

## The Battery Show Asia

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# THE BATTERY SHOW INDIA 2025 – Executive Summary –

## India's Transforming Ecosystem: Scale, Speed & Strategic Opportunity

The 3rd edition of **The Battery Show India 2025**, held alongside the Renewable Energy Expo in Greater Noida, showcased the scale, ambition, and accelerating momentum of India's clean-energy transformation. With **55,000+ visitors**, **3,200 companies**, **450+ speakers**, and high-level representation from government, industry, and international partners, the event reaffirmed India's position as one of the world's most dynamic markets for **renewable energy and battery storage**.

India has reached a major milestone – **one-third of its electricity now comes from renewable sources**, driven by **127 GW solar** and **53 GW wind** installations. Strong policy signals such as **PLI schemes**, **VGF support for BESS**, active **tender auctions**, and the broader **"Make in India"** framework are accelerating industrialization across the value chain. Yet the ecosystem continues to navigate challenges in **skills**, **manufacturing maturity**, **raw-material access**, **quality standards**, and bridging the gap between **R&D and commercialization**.

Across discussions—with stakeholders from mobility, grid storage, manufacturing, and policy – a consistent theme emerged: **India's battery ecosystem is enthusiastic, fast-moving, and increasingly collaborative**, backed by rising FDI interest and global partnerships, especially with the **EU and Germany**. At the same time, the reality of climate risk – **a projected 25% GDP loss by 2070** – underscores the urgency of an inclusive, resilient, and sustainable transition.

This report captures the **key insights, challenges, and opportunities** shaping India's battery and energy-storage landscape—offering a clear, data-grounded perspective for industry leaders, policy-makers, and innovators looking to engage with this rapidly evolving market.

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