

New Delhi solar container system





Overview

Why is India launching a battery energy storage system?

In Detail : India has approved its first commercial standalone Battery Energy Storage System (BESS) project, marking a milestone in the country's progress towards clean and renewable energy.

Who commissioned India's first standalone battery energy storage system?

India's first commercial standalone battery energy storage system (BESS) project with a 20MW/40MWh capacity at the distribution company level and a tariff approved by the electricity regulatory authority has been commissioned by power sector infrastructure investment trust IndiGrid in Delhi.

Which country has approved its first commercial battery energy storage system?

In Short : India has approved its first commercial Battery Energy Storage System (BESS): a 20 MW/40 MWh BESS at Kilokari sub-station in Delhi.

What is India's energy storage capacity?

India's total BESS capacity reached 219.1 MWh as of March 2024, according to Mercom India Research's report, India's Energy Storage Landscape.



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[A Greener Capital: Delhi's solar, WtE and EV ...](#)

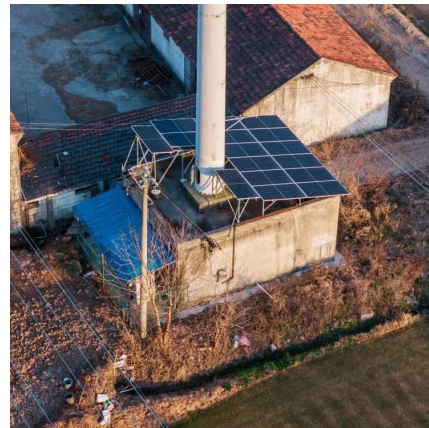
Apart from solar, WtE and EVs, Delhi is exploring clean energy options such as battery energy storage systems (BESS), hybrid and hydro power. In April 2025, IndiGrid announced the commissioning of India's ...

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The 20 MW/40 MWh utility-scale standalone battery energy storage system is designed to seamlessly integrate renewable energy into the distribution-level grid system, facilitate grid stabilization, manage peak ...



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India's First Utility-Scale Standalone Battery Energy



Storage System

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