

SolarInnovate Energy Solutions

New Delhi Energy Storage Project Enterprise

System Topology



Overview

NEW DELHI | 8 May, 2025 — The GEAPP Leadership Council (GLC) today officially announced the launch of India's first utility-scale, standalone Battery Energy Storage System (BESS) project, the largest of its kind in South Asia. 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.

Where is India's largest battery energy storage system located?

New Delhi: In a significant leap towards green energy and uninterrupted power supply, Delhi's Power minister Ashish Sood Thursday inaugurated India's first commercially approved and South Asia's largest utility-scale standalone Battery Energy Storage System (BESS) at the 33/11 kV Kilokri substation in South Delhi.

Is BSES launching a battery energy storage system in South Delhi?

Representational image. Credit: Canva The country's first commercially-approved standalone Battery Energy Storage System (BESS) is set to become operational soon at Kilokri, South Delhi, according to a statement by power distribution company BSES on Monday.

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.

Why is indigrid launching a commercial battery storage project?

Marking IndiGrid's entry into commercial battery storage, this milestone project represents a pivotal moment in India's energy transition. The BESS

installation is engineered to support renewable energy integration into the distribution grid, enhance grid stability, manage peak demand, and fulfill ancillary power system needs.

Why should India invest in a Bess storage facility?

With a significant increase in renewable energy generation capacity, it is imperative that storage facilities are developed to help India and the world transition to clean energy. With an annual tariff nearly 55% lower than the previous benchmark, the project sets a new standard for BESS affordability in India.

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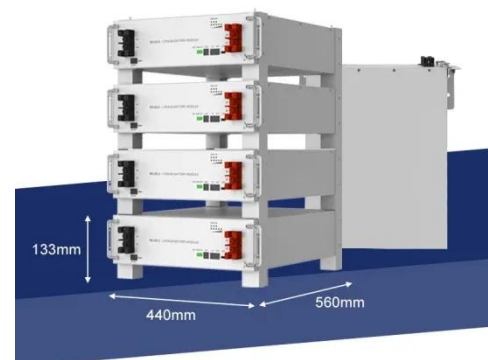
IndiGrid Commissions India's First BESS Project for DISCOM in Delhi

Apr 10, 2025 · 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 ...

India Energy Storage Sector: India to boost energy storage

...

Nov 7, 2024 · New Delhi: India's energy storage sector is set to grow by over 12 times to 60 GW by FY32, driven by a massive increase in variable renewable energy (VRE) and the need to ...



IndiGrid Commissions India's First Regulated Utility-Scale ...

Apr 22, 2025 · Delhi marked a major leap in urban energy infrastructure with the inauguration of a 20-MW (40 MWh) Battery Energy Storage System (BESS) at Kilokari, deemed the "largest" ...

IndiGrid, BII, and Norfund form \$300 million platform to ...

Nov 13, 2024 · IndiGrid has partnered with British International Investment (BII) and Norfund to form a \$300 million platform, EnerGrid, to develop greenfield transmission and standalone ...



India's energy storage sector set to grow with 15,800 MW of BESS projects

Jul 9, 2025 · The Central Electricity Authority announces a surge in India's Battery Energy Storage System (BESS) projects with 15,800 MW planned, aiming for greater renewable ...

New solar projects to have two-hour energy storage systems

Feb 20, 2025 · The Indian government mandates future solar project tenders to include energy storage systems with a minimum of two hours of storage capacity, ensuring grid stability. This ...



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