

SolarTech Power Solutions

New Delhi Battery Energy Storage Project



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. 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.

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 energy storage solutions provider has commissioned BSES Rajdhani kilokari substation?

AmpereHour Energy, a full-stack energy storage solutions provider, in consortium with Indigrid, has commissioned BSES Rajdhani Power Ltd's (BRPL) 20 MW/40 MWh battery energy storage system (BESS) project at the BSES Rajdhani Kilokari Substation in Delhi.

What is India's largest battery-inverter power system?

Minister Sood called the project a "historic milestone" for both Delhi and India's energy sector, setting a new benchmark in regulatory and technological progress. Developed with support from IndiGrid, GEAPP, and TERI, the system is described as South Asia's largest standalone battery-inverter power setup.

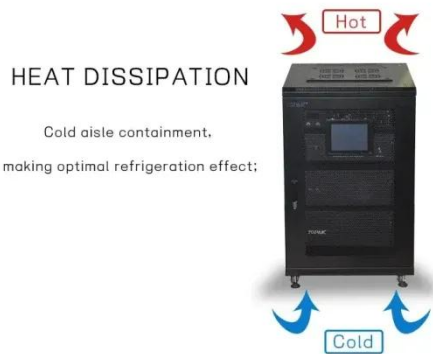
What is India's first utility-scale energy storage installation?

The project, inaugurated by Delhi Power Minister Ashish Sood, is hailed as India's first commercially approved utility-scale energy storage installation. Installed at the.

How will Delhi's energy storage system help reduce power outages?

The government intends to replicate this model across Delhi to eliminate power outages, particularly during peak demand periods. The advanced energy storage system brings several benefits, including improved grid reliability, better power purchase efficiency, and seamless integration with renewable energy sources.

New Delhi Battery Energy Storage Project



Tata Power Renewable signs first battery storage pact with ...

Jul 18, 2025 · Tata Power Renewable Energy and NHPC Limited have signed a significant Battery Energy Storage Purchase Agreement for a 30 MW/120 MWh project in Kerala, enhancing ...

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 ...



South Asia's largest Battery Energy Storage System (BESS) ...

May 30, 2025 · The 20-MW (40 MWh) BESS installed at the BRPL (BSES Rajdhani Power Limited) substation is also India's "first commercially

approved" utility-scale energy storage ...

Commercial and Industrial ESS

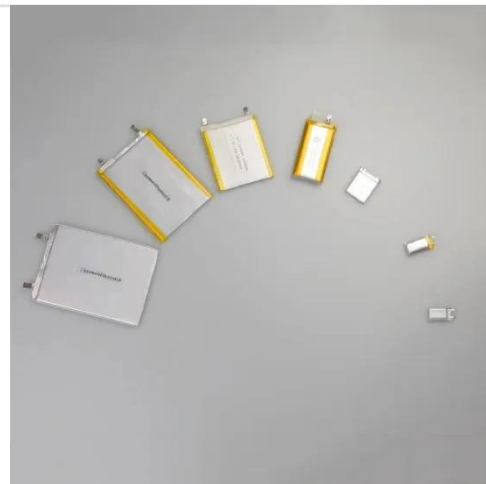
Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion



South Asia's 'largest' battery energy storage ...

May 29, 2025 · Delhi's Power Minister Ashish Sood inaugurated a 20-MW battery energy storage system (BESS) at Kilokari, hailed as South Asia's largest. This ...

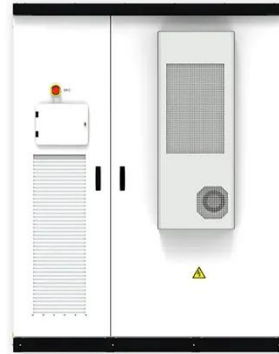


AmpereHour Energy Commissions India's First Regulatory ...

May 6, 2025 · AmpereHour Energy, in partnership with Indigrid and BRPL, delivers a pioneering 20 MW / 40 MWh BESS in South Delhi, enhancing grid reliability, cutting emissions, and ...

Energy Storage for Renewable Energy Integration in India

Aug 14, 2025 · Objective The objective of the project is to advance India's transition to renewable energy and to contribute to its climate targets by addressing challenges associated with ...



India's First Commercially-Approved 20 MW Standalone Battery Energy

Mar 18, 2025 · 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 ...

Delhi Unveils South Asia's Largest Battery Energy Storage ...

May 30, 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" ...



Tata Power Solar



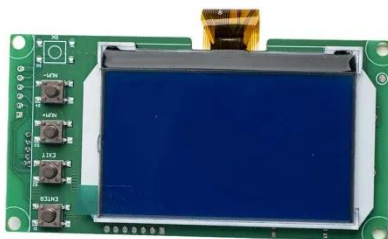
Commissions India's Largest Solar and Battery Energy

Mar 12, 2024 · The project comprises 100 MW Solar PV Project coupled with 120 MWh Utility Scale Battery Energy Storage System To generate an estimated 243.53 million units of energy

...

Delhi's First Commercial BESS Project Approved by DERC, ...

Jun 1, 2024 · The Delhi Electricity Regulatory Commission (DERC) has granted regulatory approval for India's inaugural commercial standalone Battery Energy Storage System (BESS) ...



India's first battery energy storage system to go live in south Delhi...

Jan 9, 2025 · India's first commercial utility-scale battery energy storage system in Delhi to provide reliable power from renewable sources.

India's 'first regulated

utility BESS project' ...

Apr 7, 2025 · Energy Vault BESS units at a project in Texas, US, for customer Jupiter Energy. Image: Energy Vault.
India's first commercial regulated utility ...



Delhi Electricity Regulatory Commission

May 1, 2024 · Approve the Battery Energy Storage System Agreement dated 22.12.2023 executed between Petitioner/BRPL and Respondent No. 1/Kilokari BESS Pvt. Ltd. for setting ...

Energy Storage Systems (ESS) Projects and Tenders

Aug 18, 2025 · Content Owned by MINISTRY OF NEW AND RENEWABLE ENERGY Developed and hosted by National Informatics Centre, Ministry of Electronics & Information Technology, ...



The region's biggest Battery Energy Storage System has ...



May 30, 2025 · India has taken a significant step towards embracing advanced energy technologies with the launch of its first commercially approved and South Asia's largest Battery ...

Delhi government Inaugurates Stand-Alone Utility-Scale BESS

May 30, 2025 · Ashish Sood, Delhi's power minister, opened South Asia's "largest" battery energy storage system (BESS) at Kilokari on Thursday. The system, which is India's first approved ...



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 ...

IndiGrid Commissions India's First Regulated ...

Apr 7, 2025 · IndiGrid, a power sector Infrastructure Investment Trust (InvIT), has announced the commissioning of India's first regulated utility-scale standalone ...



Top five energy storage projects in India

Sep 10, 2024 · The thermal energy storage battery storage project uses chilled water thermal storage storage technology. The project will be commissioned in 2012. The project is owned ...

Energy storage system at Kilokari to be operational, says Delhi...

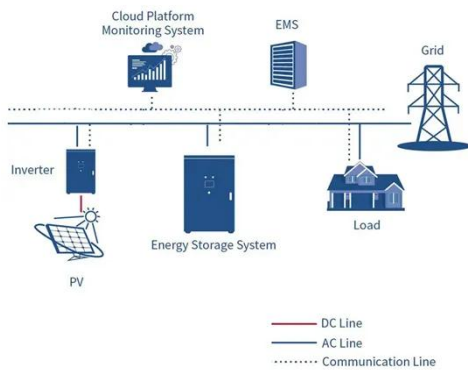
Apr 17, 2025 · NEW DELHI: Power Minister Ashish Sood on Wednesday reviewed the progress of India's first commercially approved and South Asia's largest standalone Battery Energy ...



Delhi Unveils South Asia's Largest Battery Energy

Storage ...

May 30, 2025 · Minister Sood called the project a "historic milestone" for both Delhi and India's energy sector, setting a new benchmark in regulatory and technological progress. Developed ...



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