

## SolarTech Power Solutions

# Energy storage system at EK plant in New Delhi



## Overview

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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. Where is India's first commercial-scale battery energy storage system located?

Delhi's Power Minister Ashish Sood on Thursday inaugurated India's first commercially approved and South Asia's largest standalone utility-scale Battery Energy Storage System (BESS), developed by BSES Rajdhani Power Limited at the 33 kV Kilokri Substation in New 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 Bess – battery energy storage system at kilokari?

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" utility-scale system in South Asia. The project, inaugurated by Delhi Power Minister Ashish Sood, is hailed as India's first commercially approved utility-scale energy.

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.

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.

Why is battery energy storage important in India?

Battery energy storage is a key enabler of a resilient and efficient power system in India as the country moves toward a cleaner energy mix. The ability to store and dispatch power intelligently will be essential in maintaining grid stability and optimising renewable integration.

## Energy storage system at EK plant in New Delhi



### Energy Storage System

Oct 18, 2023 · Energy Storage System Roadmap for India 2019-32 Energy Storage System (ESS) is fast emerging as an essential part of the evolving clean energy systems of the 21st century. ...

## 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 ...



## Delhi power minister visits South Asia's largest battery energy storage

Aug 30, 2021 · Battery energy storage system is located at Tata Power-DDL's sub-station in Rohini, New Delhi. BESS was set up to add system flexibility, grid stabilisation, better peak ...

## 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" ...



## Powering the Future: India's Landmark Battery Storage System ...

Mar 18, 2025 · India's First Commercially-Accepted Battery Energy Storage System (BESS) to Augment Power Supply in South Delhi In a significant milestone for power infrastructure ...

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

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" ...





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## India's Energy Storage to Grow 5X by 2032, Driven by INR4.79 ...

Apr 21, 2025 · At the heart of this momentum is the strategic push by the Government of India and various state authorities, backed by institutions like SECI, NTPC, and SJVN, to advance ...

## Jain inaugurates 10MW battery energy storage system

Aug 30, 2021 · Delhi Power Minister Satyendar Jain on Sunday inaugurated a 10 MW "Battery Energy Storage System" at the Tata Power Delhi Distribution Limited (TPDDL) plant in Rohini.



## IndiGrid Commissions India's First Regulated ...

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

## Delhi Unveils South Asia's Largest 20-MW Battery

## Energy Storage System

May 30, 2025 · New Delhi: Delhi power minister Ashish Sood on Thursday inaugurated a 20-MW battery energy storage system (BESS) at Kilokari, said to be the "largest".



## 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'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 ...





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



Mar 18, 2025 · Once fully deployed, the BESS is expected to enhance power reliability for approximately one lakh residents in Kilokri, a densely populated and low-income area in South ...

## South Asia's 'largest' battery energy storage system

New Delhi, May 29 (PTI) Delhi Power Minister Ashish Sood on Thursday inaugurated at Kilokari a 20-MW battery energy storage system (BESS), said to be the "largest" in South Asia.



## Pumped storage plants in India: assessing policies and ...

Mar 20, 2025 · Given the importance of ESS and PSPs for India's energy transition, our recent paper titled "Pumped Storage Plants in India: Assessing Policies and Progress" presents the ...



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