

SolarTech Power Solutions

India Customized Energy Storage System Project



LIQUID/AIR COOLING

PROTECTION IP54/IP55

PCS EMS

BATTERY /6000 CYCLES



Overview

New Delhi/Mumbai, 02 July 2025 - To further strengthen India's renewable energy infrastructure, IFC and IndiGrid [BSE: 540565|NSE: INDIGRID] have partnered to develop a 180 MW/360 MWh standalone battery energy storage system project in Gujarat. Is India's largest battery energy storage system powered by solar energy?

In February, the Solar Energy Corporation of India (SECI) commissioned India's largest Battery Energy Storage System (BESS), powered by solar energy.

Are battery energy storage systems the future of energy in India?

Harsh Shah, Managing Director, IndiGrid, said, "Battery Energy Storage Systems are central to the future of energy in India. They bridge the intermittency of renewables, reduce fossil fuel dependency, and unlock flexible, reliable power delivery.

Is Indigrid launching a standalone battery energy storage system in Delhi?

Last week (4 April), IndiGrid, a power sector infrastructure investment trust, announced the commissioning of a 20MW/40MWh utility-scale standalone battery energy storage system (BESS) in Delhi, India's capital territory.

What is India one solar thermal energy storage system?

The India One Solar Thermal Energy Storage System is a 1 MW solar thermal power plant located in Abu Road, Rajasthan, India. It uses thermal energy storage to provide round-the-clock power. Commissioned in 2017, the project was designed, developed, and installed by Brahma Kumaris and the World Renewal Spiritual Trust (WRST).

What is a battery energy storage system?

Solar Energy Corporation of India (SECI) commissioned India's largest Battery Energy Storage System (BESS), powered by solar energy. Battery energy storage systems (BESS) have solved a key challenge for renewable energy,

addressing the fluctuating nature of sources like solar and wind.

Which countries are integrating modern energy storage systems?

Globally, new solar and wind projects are now integrating modern energy storage systems to ensure a reliable energy supply. Countries like China, the US, and Australia are rapidly expanding their energy storage capacities to support their renewable energy goals, and India is following suit.

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