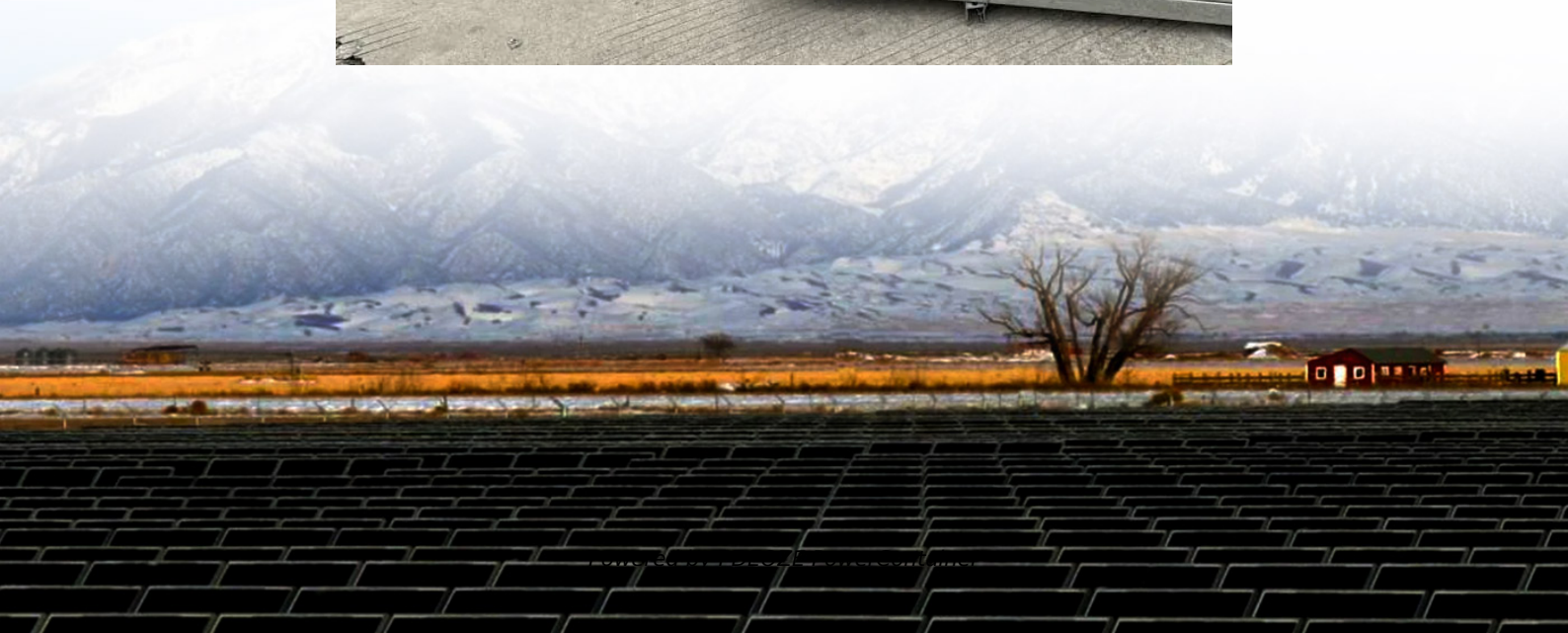


## **PDEOZE PowerContainer**

# **India Home Energy Storage Battery Project**



## Overview

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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.

How much battery energy storage capacity is available in India?

Between 2022 and May 2025, India auctioned approximately 12.8GWh of battery energy storage system (BESS) capacity for both hybrid and standalone applications. However, only about 219MWh of BESS capacity is reported to be operational, leaving a large pipeline of projects under construction.

Is India's first regulated utility-scale battery energy storage system online?

India's first commercial regulated utility-scale battery energy storage system (BESS) is now online. The 20MW/40MWh standalone system, developed by IndiGrid, was commissioned in Delhi on April 4.

Is solar battery storage a good idea for Indian homes?

With proactive policy adjustments and consumer education, solar battery storage for homes is no longer just aspirational—it is becoming essential. Solar battery storage is transforming Indian homes into resilient, cost-saving energy hubs with smart policy backing.

Does Honeywell Automation India have a microgrid battery energy storage system?

Honeywell Automation India Limited (HAIL) has successfully commissioned a microgrid Battery Energy Storage System (BESS) for the Solar Energy Corporation of India's (SECI) project in the Lakshadweep Islands. The project, which features a 1.7 MWp solar system and 1.4 MWh BESS, is part of SECI's

plan to decarbonize the Lakshadweep Islands.

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.

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