

## SolarTech Power Solutions

# Saudi Arabia grid-side energy storage project



## Overview

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BYD and Saudi Electricity Company will deliver a record 15.1GWh of storage, advancing Saudi Arabia's Vision 2030 and accelerating clean energy goals. Battery storage projects play a vital role in enhancing grid stability and efficiency, making them essential for modern energy systems.

Saudi Arabia is rapidly emerging as one of the world's largest markets for battery energy storage systems (BESS), with over 6.2 GW of upcoming capacity and a long-term target of 48 GWh by 2030. The Kingdom has already tendered more than 26 GWh of storage projects, with over 6 GW under construction.

The 2 GWh battery energy storage system (BESS) features 122 prefabricated storage units, designed and supplied by China's BYD. From ESS News Saudi Arabia has officially connected its largest battery energy storage system (BESS) to the grid, marking a significant milestone in the country's renewable.

BYD Energy Storage announces that it has successfully signed the world's largest energy storage projects contracts with Saudi Electricity Company (SEC) having a capacity of 12.5GWh at the time. Combined with the previously delivered 2.6GWh project, the total cooperation now has amounted to a.

BYD Energy Storage and Saudi Electricity Company (SEC) have signed a contract to deploy a 12.5GWh grid-scale battery storage system - now the world's largest single project. Combined with an existing 2.6GWh

collaboration, their total partnership reaches 15.1GWh. The project supports Saudi Arabia's.

PVTIME – Sungrow has recently entered into a significant agreement with Aljihaz Holding in Saudi Arabia, marking the largest energy storage order in the world to date. The project comprises three sites with a total installed capacity of 7.8GWh, located in the Najran, Madaya and Khamis Mushait.

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