

**SolarInnovate Energy Solutions**

# **Riyadh Energy Storage Project**



## Overview

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Under the supervision of the Ministry of Energy, the Saudi Electricity Company (SEC) has announced the launch of the second phase of its battery energy storage system (BESS) project, with a total investment exceeding 6.73 billion Saudi Riyals and a planned total capacity of 2.5GW/10GWh. What does BYD energy storage mean for Saudi Arabia?

BYD Energy Storage and Saudi Electricity Company (SEC) have signed a contract to deliver the world's largest grid-scale energy storage project totalling 12.5GWh. This milestone supports Saudi Arabia's Vision 2030, which targets 50% renewable energy in the national mix by the end of the decade.

Is Saudi Arabia a leader in battery energy storage?

Riyadh, February 14, 2025, SPA -- The Kingdom of Saudi Arabia has achieved a leading position among the top ten global markets in the field of battery energy storage, coinciding with the launch of the Bisha Project, which has a capacity of 2000 MWh and is one of the largest energy storage projects in the Middle East and Africa.

Why is energy storage important in Saudi Arabia?

Energy storage is a vital component of this transition, providing grid flexibility and enabling the integration of intermittent power sources such as solar and wind. The project is among several large-scale battery storage initiatives being developed in Saudi Arabia.

Why is Saudi Arabia launching a battery storage project?

Saudi Arabia aims to generate 50% of its electricity from renewables by 2030. However, renewable energy sources like solar and wind can be unpredictable. The 12.5 GWh battery storage project will solve this issue by storing energy and ensuring a steady power supply. This is very important in Saudi Arabia.

What is BYD's battery energy storage project?

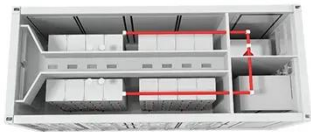
The 12.5 GWh battery energy storage project between BYD and Saudi Arabia is a game-changer. It will improve energy stability, boost renewable energy adoption, and support Saudi Arabia's Vision 2030 goals. Energy storage is key to the clean energy transition.

Why did BYD invest in Saudi Arabia?

The CTS (Cell-to-System) integration used in the Saudi project allows for better space utilization and higher energy density, ensuring maximum performance. This latest project in Saudi Arabia cements BYD's position as a global leader in energy storage.

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### Can Saudi Arabia become a "new playground" for energy storage?

Jul 24, 2024 · Since last week, sunlight power release and Saudi Arabia ALGIHAZ "7.8GWh! The world's largest energy storage project signed" news screen the entire new energy industry. In ...

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### Sungrow Signs the 760MWh Off-Grid Energy Storage Project ...

May 21, 2024 · Riyadh, Kingdom of Saudi Arabia, May 21, 2024 -- Sungrow, the global leading PV inverter and energy storage system provider, has forged a strategic partnership with Larsen & ...



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