

# What are the energy storage power stations in Riyadh





## Overview

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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.

Is Saudi Arabia launching a large-scale battery storage project?

This project is one of several large-scale battery storage initiatives underway in Saudi Arabia.

Will Saudi Arabia develop a storage capacity of 48 gigawatt-hours?

Under the National Renewable Energy Program, which is overseen by the Ministry of Energy, Saudi Arabia aims to develop a total storage capacity of 48 gigawatt-hours by 2030. To date, projects totaling 26 gigawatt-hours have been tendered and are currently in various phases of development.

Does Saudi Arabia have a power grid?

In January 2025, Saudi Arabia connected its largest BESS, a 2 GWh system, to the grid, significantly enhancing Riyadh's energy infrastructure. Grid-Scale Deployment: The Saudi Electricity Company (SEC) awarded contracts for 2,500 MW/10,000 MWh of BESS capacity, with a significant portion allocated to Riyadh.



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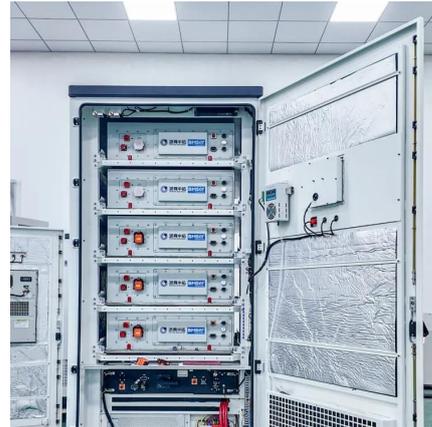
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Energy storage is a vital component of this transition, providing grid flexibility and enabling the integration of intermittent power sources such as solar and wind. The project is among several ...



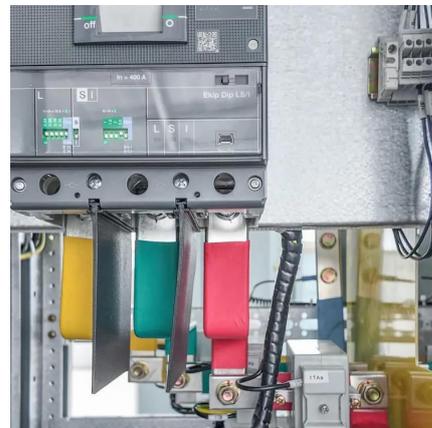
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