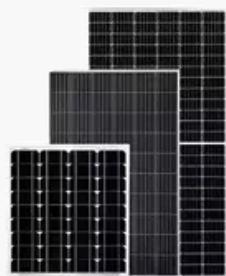


## SolarTech Power Solutions

# Saudi Arabia Energy Storage Cabinet Project Bidding



Solar Panel



PV Combiner Box



Lithium Battery



Hybrid Inverter



## Overview

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What is Saudi Arabia's battery storage program?

The projects mark the first phase of Saudi Arabia's battery storage program, designed to support its goal of 50% renewable energy by 2030. Each 500 MW facility will operate for four hours, providing 2,000 MWh of total power capacity, said the Saudi Power Procurement Company (SPPC).

Will Saudi Arabia host a gigawatt-hour battery storage facility?

In addition to public-private partnerships such as through SPPC, Saudi Arabia will host gigawatt-hour scale battery storage facilities to integrate renewable energy at major infrastructure projects such as the Red Sea Project coastal tourist destination. Image: Red Sea Global.

How much battery storage will Saudi Arabia be able to deploy?

According to recently reported remarks from energy minister Prince Abdulaziz bin Salman Al Saud from an event held in the Kingdom, the country is targeting the deployment of 48GWh of battery storage by the end of this decade.

Does Saudi Arabia need a storage services agreement?

A 15-year Storage Services Agreement will be signed with SPPC. As part of Saudi Arabia's Vision 2030, the country aims to generate 50% of its electricity from renewable sources. The shift towards solar, wind, and other renewable energy technologies is a key part of this strategy.

Can Saudi Arabia generate 50% of its electricity from renewable sources?

As part of Saudi Arabia's Vision 2030, the country aims to generate 50% of its electricity from renewable sources. The shift towards solar, wind, and other renewable energy technologies is a key part of this strategy. To date, over 10,100 MWac of solar PV and wind projects have already been tendered on a competitive basis.

How many MW & MWh will be distributed in Saudi Arabia?

The total capacity of 2,000 MW/8,000 MWh will be distributed across four locations in Saudi Arabia. The BESS projects will be developed in key regions across the kingdom: In December 2024, SPPC announced the list of qualified bidders. The bid submission deadline is set for 2 June 2025.

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