


**SolarInnovate Energy Solutions**

# **Saudi Arabia Energy Storage Power Supply Procurement**



## **CONTAINER TYPE ENERGY STORAGE SYSTEM**

Energy storage system

**FC RoHS CE** 



## Overview

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Saudi Power Procurement Company (SPPC) is licensed as the sole buyer of electrical energy. The government is soliciting bids to develop four battery energy storage system (BESS) projects. Who is Saudi power procurement Company (SPPC)?

A Saudi Arabian entity that has been tasked with procuring electricity generation projects has commenced the process. Saudi Power Procurement Company (SPPC) is licensed as the sole buyer of electrical energy. The government is soliciting bids to develop four battery energy storage system (BESS) projects.

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 be able to deploy battery energy storage systems by 2030?

According to Saudi Energy Minister Prince Abdulaziz bin Salman, the nation has set a goal of deploying 48GWh of battery energy storage systems by 2030. This ambitious target not only supports Saudi Arabia's energy transition but also injects fresh momentum into the global renewable energy and energy storage markets.

How many bidders are in Saudi Arabia's 8GWh Bess project?

The Saudi Power Procurement Company (SPPC) has released a list of 33 prequalified bidders for its 8GWh BESS project. The projects mark the first phase of Saudi Arabia's ambitious battery storage program. It is designed to support its 50% renewable energy goal by 2030.

How much will Saudi Arabia spend on energy projects in 2021?

Speaking in 2021, the Saudi government expects to spend \$293 billion on power and energy projects by then. The biggest share of this revenue is expected to be spent on transmission upgrades and renewable energy. The implementation of the world's largest battery energy system (BESS) project progresses as Saudi Arabia begins qualification tenders.

What is the world's largest storage procurement process?

World's largest storage procurement process is underway in Saudi Arabia for 2 GW/ 8 GWh of storage. The Saudi Power Procurement Company (SPPC) has begun qualifying bidders for an enormous undertaking of four grid-scale battery projects totaling 8 GWh of storage capacity across the Kingdom.

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### BYD Secures Major 12.5 GWh Battery Storage Deal in Saudi Arabia

Feb 19, 2025 · The systems will be installed at five locations throughout Saudi Arabia, utilizing BYD's MC Cube-T energy storage system equipped with Cell-to-System (CTS) technology, ...

### Saudi Power Procurement Launches Qualification For 8,000 ...

Nov 11, 2024 · The Saudi Power Procurement Company (SPPC), under the supervision of the Ministry of Energy, has initiated the qualification process for the first group of Battery Energy ...



### Saudi Arabia commissions its largest battery energy storage ...

Feb 5, 2025 · Energy storage plays a crucial role in this transition, providing grid flexibility and enabling the integration of intermittent power sources like solar and wind. This project is one of ...

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

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