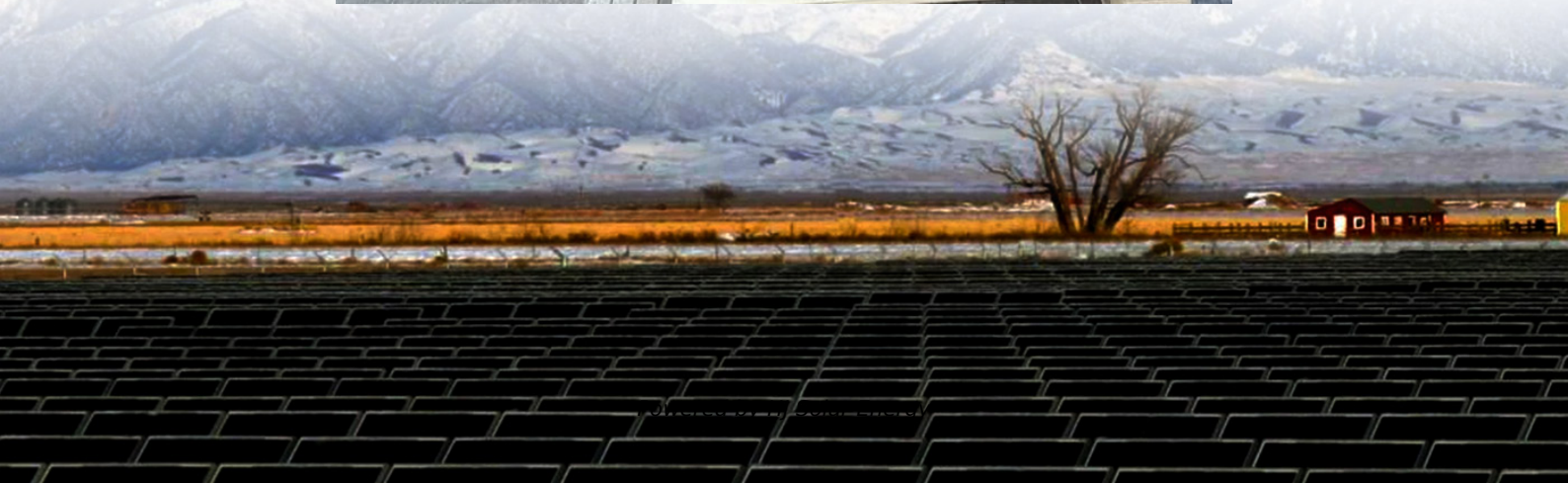


# **Successful bid price of utility scale ESS project in Saudi Arabia 2030**





## Overview

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[SMM Analysis] In January 2025, BYD successfully secured the world's largest ESS order to date, with a scale of 2.5GW/12.5GWh. 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.

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 big is BYD energy storage & Saudi Electricity Company?

Recently, BYD Energy Storage and Saudi Electricity Company successfully signed the world's largest grid-scale energy storage projects contracts with a capacity of 12.5GWh at the time. Combined with the previously delivered 2.6GWh project, the total cooperation now has amounted to a massive 15.1GWh of projects.

How will Bess projects impact Saudi Arabia?

The successful implementation of BESS projects will significantly contribute to Saudi Arabia's goal of increasing the share of renewable energy in its power mix, targeting 50% by 2030.

Who are the prequalified bidders for the 8GWh Bess project?

The Saudi Power Procurement Company (SPPC) has released a list of 33 prequalified bidders for its 8GWh BESS project. The tender, structured as a



build-own-operate model, attracted significant energy companies, both local and international. These include Masdar, ACWA Power, EDF, TotalEnergies, and Jinko Power, among others.

How many projects has Bess delivered?

Since then, it has delivered more than 75GWh of BESS equipment to 350 projects in more than 110 countries and regions, catering to various application scenarios across the generation, utility and consumption sides. This landmark project is expected to redefine the role of electrochemical energy storage solutions in the global energy landscape.



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### BYD Energy Storage secures Battery Projects in Saudi Arabia

BYD Energy Storage has signed contracts with Saudi Electricity Company (SEC) for grid-scale battery energy storage projects totalling 12.5GWh, marking the world's ...

### [Giga projects spearheading Saudi construction boom](#)

3 ???· The successful delivery of these projects is key to Saudi Arabia's economic diversification and long-term growth, aligning with the Kingdom's goals for a sustainable and diversified future. The Saudi Giga Projects 2025 report ...



### [Saudi Arabia awards 10,000MWh Battery Energy ...](#)

Saudi Electricity Company (SEC) awards the contracts for Battery Energy Storage Systems (BESS) having Combined Capacity of 2,500 MW/10,000 MWh, across Saudi Arabia.

### Saudi Arabia's Vision 2030:

Saudi Arabia's Vision 2030 Vision 2030 aims to unleash the Kingdom's potential by developing alternatives to an overreliance on oil as its source of economic strength. The 2014-15



collapse ...



### [SMM Analysis] 2.5GW/12.5GWh! BYD Successfully Wins the Bid for Saudi

[SMM Analysis] In January 2025, BYD successfully secured the world's largest ESS order to date, with a scale of 2.5GW/12.5GWh. The project is distributed across five key locations in Saudi ...



### [Saudi Electricity Company awards 12.5 GWh battery ...](#)

The Saudi Electricity Company (SEC) has awarded a series of battery energy storage system (BESS) contracts to China's BYD totalling 2.5 GW/12.5 GWh, multiple Chinese media reported on January 11. The contracts ...



### [BYD to supply 12.5 GWh of battery storage in Saudi ...](#)

BYD Energy Storage has officially signed contracts with Saudi Electricity Company (SEC) to deliver 12.5 GWh in five BESS projects, marking the world's largest grid-scale storage deployment to





## Saudi Arabia Plans to Deploy 48GWh of Battery Storage by 2030

The bidders will retain 100% ownership of their special purpose vehicle (SPV) projects. The four upcoming energy storage projects, all identical in scale, are strategically ...



### [Can Saudi Arabia's Vision 2030 still succeed?](#)

With Saudi Arabia's Vision 2030 past the halfway mark, the ambitious plan to redefine the nation and move away from its traditional oil dependency faces financial obstacles, prompting a scaling back of its most ...

## The Potential of Utility-Scale Battery Energy Storage in Saudi ...

Source: Apricum analysis, SPPC, Saudi Gulf Projects, company websites; 1) The quoted project energy capacities (MWh) are expected to be maintained until the end of the offtake agreement, ...



### [Saudi Arabia launches tender for 8 GWh of battery ...](#)

The projects mark the first phase of Saudi Arabia's battery storage program, designed to support its goal of 50% renewable energy by 2030.



### [Saudi Invites Bids For 2,000 MW Energy Storage Project](#)

The SPPC has invited bids for large-scale Battery Energy Storage Systems (BESS), with submissions due by 2 June 2025. Saudi Invites Bids for 2,000 MW Energy ...



### [Chinese firm awarded world's largest grid-scale ...](#)

Saudi Electricity Company (SEC) and China's BYD Energy Storage have officially signed a contract to build the world's largest grid-scale energy storage project in the Gulf Kingdom, with BYD supplying 12.5 gigawatt ...

### [The MENA region - the next hot market for energy ...](#)

Oman (with its target production of 1 Mtpa of green hydrogen by 2030), the United Arab Emirates (UAE) (with its target production of 1.4 Mtpa of low-carbon hydrogen by 2031) and Saudi Arabia (via NEOM) are each ...





## DIGITAL TRANSFORMATION OF CONSTRUCTION PLANNING IN SAUDI ARABIA...

Abstract The realization of Saudi Arabia's Vision 2030 relies heavily on the efficient execution of Giga Projects, necessitating a digital overhaul of traditional construction ...

### [Saudi Arabia commissions its largest battery energy ...](#)

Saudi Arabia has officially connected its largest battery energy storage system (BESS) to the grid, marking a significant milestone in the country's renewable energy expansion. The project



## List of Upcoming Grid-scale/Utility Scale Energy Storage System (ESS)

Find All the Upcoming Grid-scale/Utility Scale Energy Storage System (ESS) Tenders & Bid Openings in Saudi Arabia Region with Ease.

### [Saudi Arabia announces prequalified bidders for 2 ...](#)

From ESS News The Saudi Power Procurement Company (SPPC) has released a list of 33 prequalified bidders for its 2 GW/8 GWh battery energy storage system (BESS) tender.



[BYD and Saudi Arabia Team Up for Record-Breaking ...](#)

Saudi Arabia is set to make history with the world's largest grid-scale battery energy storage project as BYD Energy Storage secures a 12.5 GWh contract with the Saudi Electricity Company (SEC), expanding their partnership ...



**Saudi Arabia Energy Storage System Market Size and Forecasts 2030**

Declining Battery Costs: Falling prices of lithium-ion batteries are making energy storage systems more affordable for residential and utility-scale projects in Saudi Arabia.



[BYD signs 12.5GWh grid-scale energy storage ...](#)

BYD signs 12.5GWh grid-scale energy storage contracts in Saudi Arabia The projects align with the country's Vision 2030 initiative, which aims for a 50% renewable energy mix by the end of the 2020s.





### [Latest Updates on Saudi Arabia's Top 13 ...](#)

Saudi Vision 2030 initiative includes over 10 major projects including NEOM, the Red Sea Project, Qiddiya, and more. Here's an update on each of them. Latest Updates ...



### **The Potential of Utility-Scale Battery Energy Storage in Saudi ...**

Over 19 GW / 76 GWh of BESS are planned for deployment in KSA by 2030, which would make it the world's third largest BESS market. Current projects, developments and opportunities in ...

### [Saudi Arabia invites Bids for 2,500MW Battery ...](#)

Saudi Electricity Company (SEC) issued tender for Battery Energy Storage Systems (BESS) having Combined Capacity of 2,500 MW across Saudi Arabia. Battery Energy ...



### **BYD signs 12.5GWh grid-scale energy storage contracts in Saudi**

BYD signs 12.5GWh grid-scale energy storage contracts in Saudi Arabia The projects align with the country's Vision 2030 initiative, which aims for a 50% renewable energy ...



### [BYD signs 12.5GWh grid-scale energy storage ...](#)

BYD Energy Storage has signed contracts with the Saudi Electricity Company to deliver 12.5 gigawatt hours (GWh) of BESS equipment for the five energy storage projects - the largest grid-scale deployment in the world.



### [Saudi Arabia announces prequalified bidders for 2 ...](#)

The projects mark the first phase of Saudi Arabia's ambitious 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 ...

### [BYD and Saudi Arabia Tandem for World's Largest ...](#)

Saudi Arabia is making history with the world's largest grid-scale battery energy storage project. BYD Energy Storage has signed a 12.5 GWh contract with the Saudi Electricity Company (SEC), bringing their total ...





### **BYD Energy Storage sign contract for world's largest ...**

BYD Energy Storage and Saudi Electricity Company have signed contracts for the world's largest grid-scale energy storage projects with a 12.5 GWh capacity.

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