

Successful bid price of solar plus storage project in Saudi Arabia 2025



Overview

Saudi Electricity Company (SEC) has secured two massive battery energy storage systems totaling 4.9 GWh at a cost of just USD 73-75 per kilowatt-hour (kWh) installed, marking a potential turning point for energy storage economics outside China.

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The SPPC has invited bids for large-scale Battery Energy Storage Systems (BESS), with submissions due by 2 June 2025 The Saudi Power Procurement Company (SPPC) has issued a Request for Proposals (RFP) for Group 1 Battery Energy Storage Systems (BESS) projects, inviting qualified bidders to.

Saudi Electricity Company (SEC) has secured two massive battery energy storage systems totaling 4.9 GWh at a cost of just USD 73-75 per kilowatt-hour (kWh) installed, marking a potential turning point for energy storage economics outside China. Energy storage costs have been on the sort of slide.

[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 Arabia: Riyadh, Qaisumah, Dawadmi, Al-Jouf, and Rabigh, with each site having an installed capacity of.

PVTIME - Sungrow has recently entered into a significant agreement with Alghaz Holding in Saudi Arabia, marking the largest energy storage order in the world to date. The project comprises three sites with a total installed capacity of 7.8GWh, located in the Najran, Madaya and Khamis Mushait.

Following is the list of bidders who submitted the lowest Price. Maintenance of BESS for Tabuk -1 and Hail 2 BSP: Xiamen Hithium Energy Storage - SAR 6,100,000 The awarding of the above projects will be subject to successful evaluation of bidders proposals. Battery Energy Storage System (BESS).

Saudi Arabia's solar energy storage market is experiencing rapid expansion, with its value reaching USD 160.43 million in 2024 and projected to climb to USD 728.01 million by 2033, according to the IMARC Group. This robust growth, marked by a forecasted annual rate of 17.10% from 2025 to 2033, is. What is the largest energy storage program in Saudi Arabia?

7.8GWh! World's Largest Energy Storage Program Signed in Saudi Arabia – PVTIME 1.75GW! PowerChina Wins EPC Contract for PV Project in Saudi Arabia
7.8GWh! World's Largest Energy Storage Program Signed in Saudi Arabia.

What incentives does Saudi Arabia offer for photovoltaic projects?

In order to encourage the growth of renewable energy, Saudi Arabia offers a variety of incentives to attract both domestic and international investors to participate in photovoltaic projects. These include tax incentives, assistance with land use, and long-term power purchase agreements.

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.

What if I win a storage services contract with SPPC?

Winning bidders will enter 15-year Storage Services contracts with SPPC for four battery storage projects, each of 500MW/2,000MWh output and storage capacity as set out in the table below. Bidders will retain 100% equity in their projects in special purpose vehicle (SPV) companies.

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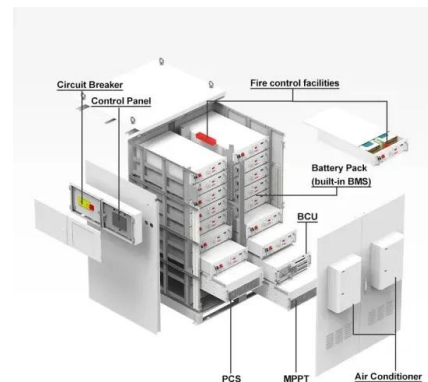


Saudi Arabia Announces Multi-Billion Dollar ...

Al Sadawi IPP, Saad II, Al Masa IPP are among the top 7 upcoming solar power projects announced by Saudi Arabia to push for renewable energy. The project contract has been awarded to ACWA Power, Saudi Power Procurement ...

Saudi Arabia Approves 33 Firms for Groundbreaking ...

4 ???· 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. The strategic focus on energy storage ...



Saudi Arabia Approves 33 Firms for Groundbreaking 8GWh BESS Projects

4 ???· 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 ...



Saudi Arabia shortlists bidders for 3.7 GW of solar projects

Saudi Arabia has shortlisted several bidders for the next round of competition for four solar projects, totalling 3.7 GW in capacity, with the lowest bid at USD 12.92 (EUR ...



BYD Got Saudi Arabia's 12.5GWh Battery Storage System Project

According to Official Account Weixin ID@gh_5d67ff58c348, recently, Saudi Electricity Company (SEC) announced the award of a series of contracts for Battery Energy ...



Saudi Arabia: Bidders revealed for 8GWh battery ...

List of pre-qualified bidders published in the first procurement of battery storage resources by the Saudi Power Procurement Company (SPPC).



Key takeaways from Sunrise Arabia 2025 - pv ...

A recent joint event by Solarabic and **pv magazine** in Riyadh highlighted Saudi Arabia's rapid push for clean energy and localization, with new factories and large storage projects taking

7.8GWh! World's Largest Energy Storage Program ...

The project comprises three sites with a total installed capacity of 7.8GWh, located in the Najran, Madaya and Khamis Mushait regions of Saudi Arabia. Delivery is scheduled to commence in 2024. Full-capacity grid ...



Saudi Arabia commissions its largest battery energy storage system

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 ...

Saudi's SPPC unveils qualified bidders for 3.7GW ...

The Saudi Power Procurement Company (SPPC) has unveiled the qualified bidders for the fifth round of 3.7GW solar projects under the National Renewable Energy Programme (NREP) in Saudi Arabia



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

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 ...



Saudi Arabia commissions its largest battery energy storage system

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



Saudi Arabia lines up solar projects for 3.7 GW

The request for proposals issued in February 2024 by the SPCC covered four projects with a combined total generation capacity of 3.7GW: the 2-GW Al Sadawi Solar PV ...

Saudi Arabia launches 3 GW solar tender

Saudi Power Procurement Co. (SPPC) has announced a request for qualification (RFQ) for 3 GW of solar across four projects in the sixth round of Saudi Arabia's renewable energy tender program.





Masdar-led consortium wins 2-GW solar project in ...

The Al Sadawi solar photovoltaic (PV) park will be installed in the Sadawi region of Saudi Arabia, in the country's Eastern Province. The project was the largest of four schemes tendered in the 3.7-GW auction held by ...

Latest Construction Tenders & Bids in Saudi Arabia

Saudi Arabia Construction Tenders - Find the latest RFPs, RFQs, and notices for construction tenders in Saudi Arabia. Stay informed about Saudi Arabia government construction tenders ...



MENA Solar and Renewable Energy Report

In collaboration with: The Middle East and North Africa saw 2019 again confirm the growth and importance of commissioning large projects and launching additional phases of their renewable ...

Saudi Arabia: PV + Storage's next destination for overseas ...

...

The Saudi government actively promotes the development of renewable energy, and through the implementation of policies and measures such as the National Renewable ...



Saudi Arabia Breaks Battery Storage Cost Barriers with \$73

...

3 ???· The Saudi battery energy storage projects, priced between USD 73/kWh and USD 75/kWh, closely approach the lower costs seen in China. This suggests that advancements in ...

Saudi renewable round six tender due by year-end

The round five solar PV IPPs took the total capacity of publicly tendered renewable energy projects in Saudi Arabia to over 10,300MW. Solar PV IPPs account for 79%, or about 8,100MW, of the total capacity.



All to Know About the World's Largest BESS Projects ...

Updated August 29, 2025: Saudi Arabia is making advances in its BESS projects as it launches one of Middle East's largest BESS deployments, a 4GWh BESS project. The nation's battery storage drive comes as HiTHIUM is ...

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 ...

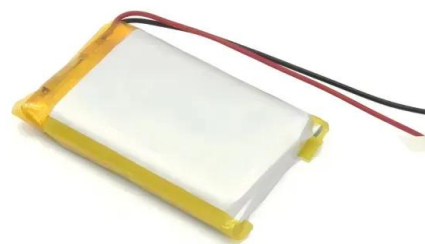


Saudi Arabia pre-qualifies bidders in 2-GW battery storage tender

Saudi Arabia has pre-qualified 33 companies in a tender that seeks to award 2,000 MW/ 8,000 MWh of battery energy storage system (BESS) projects.

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

In January 2025, BYD successfully secured the world's largest energy storage order to date, with a scale of 2.5GW/12.5GWh. The project is distributed across five key locations in Saudi Arabia: ...



Saudi Arabia Shortlists Bidders for 3.6GW Solar Projects

The Saudi Power Procurement Company (SPPC) has announced a shortlist of bidders for its fifth round of tenders under the National Renewable Energy Programme (NREP), aimed at boosting the country's solar ...



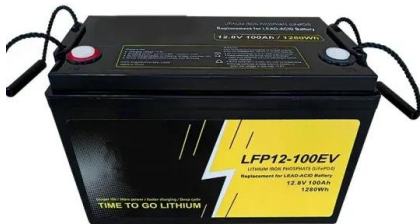
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Saudi Arabia commissions its largest battery energy ...

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Saudi Arabia shortlists bidders for 3.7 GW of solar ...

Saudi Arabia has shortlisted several bidders for the next round of competition for four solar projects, totalling 3.7 GW in capacity, with the lowest bid at USD 12.92 (EUR 11.91) per MWh.

Saudi Arabia announces Qualified Bidders for Group 1 ...

Saudi Power Procurement Company (SPPC) announces the list of Qualified Bidders for Group 1 Battery Energy Storage Systems (BESS) having Combined Capacity of 2,000 MW/8000 MWh across Saudi Arabia on ...



SEC receives Bids for 1,000 MW Battery Energy Storage System ...

Saudi Electricity Company (SEC) receives Bidders Proposals for Battery Energy Storage Systems (BESS) having Combined Capacity of 1,000 MW. The Project location is in ...



Solar Energy Storage Market Booms in Saudi Arabia

Saudi Arabia's solar energy storage market is experiencing rapid expansion, with its value reaching USD 160.43 million in 2024 and projected to climb to USD 728.01 million by 2033, according to the IMARC Group. This ...



Solar & Storage Live KSA 2025 in Riyadh Front ...

Solar & Storage Live KSA ® 2025 in Riyadh Front Exhibitions and Conferences Center - Saudi Arabia ® is the renewable energy exhibition, that provides an opportunity to learn from keynote speakers, explore the latest ...

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