

China on grid hybrid inverter in Saudi-Arabia





Overview

Sungrow, the China-headquartered inverter and energy storage system supplier announced on Monday that it has signed a contract with China Energy International Group to supply inverter solutions for the 2.6-gigawatt (GW) Al Shuaibah project in Saudi Arabia. Will Sungrow boost Saudi Arabia's power grid stability?

In this project, Sungrow will build a 7.8 GW energy storage system to boost Saudi Arabia's power grid stability and reliability. Media reports that this will be the largest off-grid energy storage project in the Middle East.

When will Saudi Arabia's power grid be fully connected?

The project, which involves three sites, is expected to begin delivery in 2024 and achieve full grid-connection capacity by 2025, further enhancing the stability and reliability of Saudi Arabia's power grid, Sungrow said in a statement.

Does Saudi Arabia have an off-grid battery energy storage project?

The news of Huawei constructing the world's second-largest off-grid battery energy storage project in Saudi Arabia has made headlines recently. This project has now achieved an energy storage capacity of 1.3 GWh. The Kingdom is investing heavily in renewable energy. The \$500 billion NEOM city will run entirely on renewable energy.

How much solar energy will Saudi Arabia have by 2030?

By 2030, Saudi Arabia aims for solar and wind energy to make up 50% of its energy mix, totaling 58.7 GWh. Sungrow has outlined the project timeline and many other significant attributes. It will span three sites in Najran, Madaya, and Khamis Mushait of Saudi Arabia comprising ~ 7.8 million battery cells.



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