

## SolarInvert Energy Solutions

# Solar power station in China in Saudi-Arabia



## Overview

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A Chinese state-backed consortium has won a \$972 million engineering, procurement and construction (EPC) contract to build a two-gigawatt (GW) solar project near Mecca in Saudi Arabia. What is the largest photovoltaic project in the Middle East?

The largest photovoltaic (PV) project in the Middle East — the 2.6-gigawatt Al Shuaibah PV Power Plant in Saudi Arabia — was officially connected to the grid on January 15. Built by China Energy Engineering Group Co., Ltd (Energy China), the project is a significant milestone in Saudi Arabia's energy transition plan.

How much solar power does Saudi Arabia have?

This compares to a global solar power installation of 100 GW in 2017 and a total installed capacity of 77 GW in Saudi Arabia in 2016. This project was cancelled in September 2018.

Does Saudi Arabia have a solar-research station?

In 2011, The United States and Saudi Arabia jointly set up a solar-research station in Al-Uyaynah village. The village, located about 30 miles northwest of Riyadh, had no electric supply at the time. The station is operated by the King Abdulaziz City for Science and Technology.

Is Saudi Arabia a solar power hub?

Saudi Arabia's vast and arid regions are considered a great hub for solar potential. Rich in sunlight and gas, the Kingdom is moving toward diversifying its domestic power supply, and companies such as Saudi Aramco have been using PV panels as a renewable energy source since the 1980s.

What is Saudi Arabia's first solar power plant?

Saudi Arabia's first solar power plant was commissioned on October 2, 2011, on Farasan Island. It is a 500 kW fixed tilt photovoltaic plant. Given that the

cost of solar projects decreased by roughly 90 percent in the 2010s, petrostates in the Middle East have raised their ambitions.

Who owns Haden 2 GW solar project in Saudi Arabia?

The contract also includes Buraq Renewable Energy, a project company established by Saudi Arabia's ACWA Power. The Haden 2 GW solar project, worth approximately \$972 million, is being built in western Saudi Arabia, approximately 93 km northeast of Taif, Makkah province.

## Solar power station in China in Saudi-Arabia

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### China Energy Engineering Signs \$972 million ...

Aug 14, 2024 · China Energy Engineering Corporation (CEEC) announces that it has signed a 6.98-billion-yuan (\$972 million) contract to build a 2-gigawatt, ...

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### JinkoSolar Secures Major Supply Agreement for 3 GW of Solar ...

Oct 18, 2024 · JinkoSolar, a Chinese solar module manufacturer, has announced a substantial supply agreement to deliver approximately 3 GW of its advanced tunnel oxide passivated ...

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### In Depth: China and Saudi Arabia's Growing ...

Mar 27, 2025 · The 2.6-gigawatt (GW) Al Shuaibah solar power station in Saudi Arabia started running on a commercial basis in February. Built by China ...

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## Solar Energy Development in Saudi Arabia

Mar 10, 2024 · By investing in solar power, Saudi Arabia supports the expansion of clean and renewable energy sources, thus advancing progress towards this ...

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## Sino-Saudi ties prospering in energy sector

3 days ago · With an investment of around \$1 billion, the facility, JinkoSolar's most significant overseas investment to date, is expected to have an annual production capacity of 10 ...

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## China wins \$972m contract for new Saudi solar ...

Aug 16, 2024 · A Chinese state-backed consortium has won a \$972 million engineering, procurement and construction (EPC) contract to build a two ...

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## China Energy Engineering signs \$972 million solar deal with Saudi



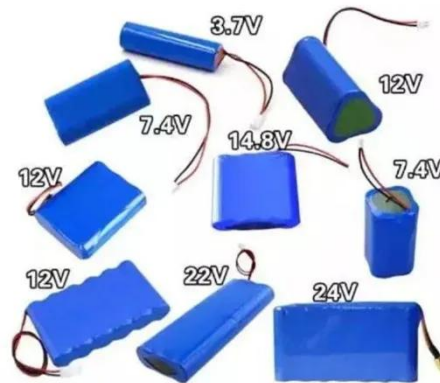
Aug 13, 2024 · China Energy Engineering signed a 6.98 billion yuan (\$972 million) contract to build a solar power plant in Saudi Arabia, a Monday filing with the Shanghai Stock Exchange, ...

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## POWERCHINA signs power plant project in Saudi Arabia

SEPCOIII Electric Power Construction Co, a subsidiary of POWERCHINA, signed an engineering procurement construction contract on Dec 4 with national power utility Saudi Electricity ...

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## China Energy Commissions Region's Largest Solar Power Plant in Saudi Arabia

May 21, 2025 · In a major stride for the region's renewable energy sector, China Energy has officially commissioned the Shuaibah Solar Power Plant in Jeddah, Saudi Arabia--now ...

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## SEPCO awarded EPC contract for 300 MW ...

Dec 18, 2024 · Shandong Electric Power

Construction (SEPCO), China announces that it has received the letter of award for the 300 MW solar power ...

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## Saudi's Rabigh 300 MW Solar PV Project ...

Apr 26, 2023 · China Energy Construction Guangdong Thermal Power General Contracting Co., Ltd. announced in a statement that the 300 MW photovoltaic ...

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## Saudi Arabia's Solar Revolution: Achieving 50

Feb 3, 2025 · Saudi Arabia has been making remarkable strides in renewable energy, with a significant focus on solar power as part of its Vision 2030 ...

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## China's CEEC wins 2 GW solar project in Saudi ...

Aug 14, 2024 · CEEC has secured a contract to build a 2 GW solar project in





Saudi Arabia. It has signed an EPC contract through a consortium of three ...

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## China wins \$972m contract for new Saudi solar ...

Aug 16, 2024 · A Chinese state-backed consortium has won a \$972m contract to build a two-gigawatt (GW) solar project near Mecca in Saudi Arabia

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## Energy China Consortium Wins USD972 Million ...

(Yicai) Aug. 14 -- A consortium set up by three units of state-owned energy conglomerate China Energy Engineering Corporation, also known as Energy ...

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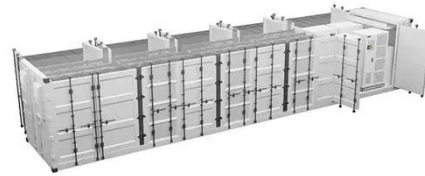
## SEPCOIII has won three projects successively in ...

Apr 8, 2025 · SEPCOIII signed the 1,800MW PP12 Expansion Combined



Cycle Power Plant project in Saudi Arabia with Saudi Electricity Company. The ...

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## Huawei completes construction of microgrid ...

Sep 11, 2024 · The Chinese operator Huawei has completed the construction of a microgrid power station in Saudi Arabia that will be used power the Red Sea ...

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## Saudi Saad II Photovoltaic Project achieves 2 million safe ...

On Sept 12, the Saad II Photovoltaic Project in Saudi Arabia, undertaken by POWERCHINA, celebrated achieving 2 million man-hours without a single lost-time injury at the site of the project.

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## Chinese firm awarded world's largest grid-scale ...

Feb 24, 2025 · Chinese firm awarded



world's largest grid-scale energy storage project in Saudi Arabia BYD Energy Storage and Saudi Electricity Company

...

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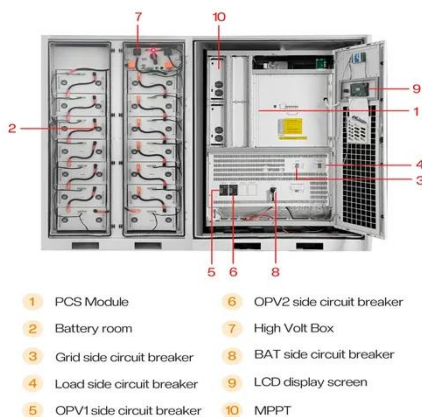
## Arctech & Shanghai Electric Land 2.3GW Solar Project in Saudi Arabia

Jul 17, 2025 · Arctech and Shanghai Electric have officially signed a cooperation agreement for Saudi Arabia's 2.3GW Sadawi Solar Project. The signing ceremony was witnessed by Qiu

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## Saudi Arabia Advances Solar Energy with New Projects

Jan 21, 2025 · PowerChina Guizhou Engineering Co., Ltd. has signed EPC contracts to develop two new solar power station projects in Saudi Arabia. The projects, named Al Masa'a (MAS) ...

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## China Secures EPC Contracts For 1.75 GW Solar PV In Saudi

Jan 22, 2025 · PowerChina Guizhou Engineering Co., Ltd. has been awarded the EPC contracts for the Al Masa'a (MAS) and Al Henakiyah 2 (AHK2) photovoltaic power station projects in ...

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## 2.6 GW photovoltaic power station project in ...

Nov 16, 2022 · The Saudi Arabia Al Schubach 2.6GW photovoltaic power station project is located in the Al Schubach region of Jeddah City, Mecca Province, ...

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## Gulf states tap cheap Chinese batteries to power renewable ...

Jun 18, 2025 · Saudi Arabia and the United Arab Emirates are taking advantage of falling prices to load up on Chinese-made battery energy storage systems, so they can boost their renewable ...

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## Sudair PV IPP

5 days ago · Sudair Solar PV is poised to



become one of the largest single-contracted solar PV plants in the world and the largest of its kind in Saudi Arabia at an installed capacity of ...

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## Energy China Completes the Largest Photovoltaic Project in ...

Jan 20, 2025 · The largest photovoltaic (PV) project in the Middle East -- the 2.6-gigawatt Al Shuaibah PV Power Plant in Saudi Arabia -- was officially connected to the grid on January ...

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## Power Construction Corporation of China

Power Construction Corporation of China (POWERCHINA) is a wholly state-owned company established in September 2011 through combination a series ...

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## Sudair PV Solar Power Plant, Riyadh, Saudi ...

Nov 10, 2021 · The Sudair solar power

project is a 1.5GW photovoltaic (PV) solar farm being built in the Riyadh province of Saudi Arabia.

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## **POWERCHINA signs EPC contract for large-scale ...**

Jan 22, 2025 · POWERCHINA recently signed the EPC (engineering, procurement, and construction) contract for the Round 5 MAS and AHK2 ...

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## **Power China Signs Contract for 120MW ...**

Aug 15, 2023 · In April 2023, the subsidiary of Power Construction Corporation of China (Power China), Shandong Electric Power Construction Corporation ...

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## **POWERCHINA Subsidiary awarded EPC Contracts for 1.75 GW Solar ...**



Jan 20, 2025 · PowerChina Guizhou Engineering Co., Ltd. announces that it has signed the EPC contracts for two photovoltaic power station projects, Al Masa'a (MAS) and Al Henakiyah 2 ...

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