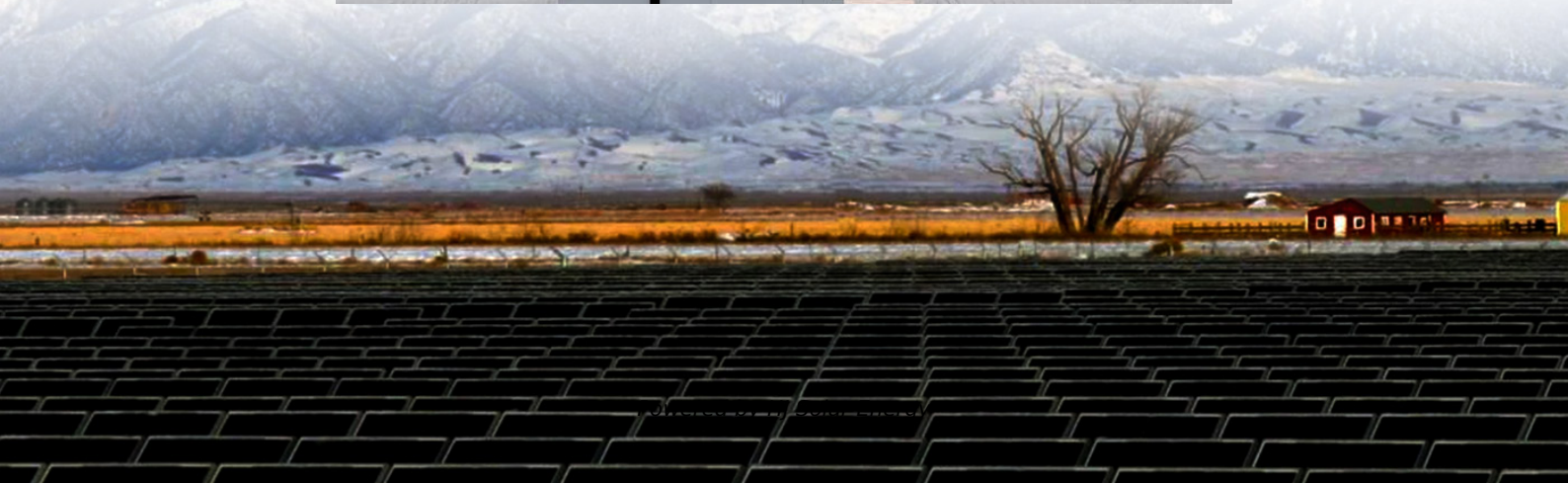


# **Successful bid price of Solar Panel project in Saudi Arabia 2030**





## Overview

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Saudi Power Procurement Co. (SPPC) has announced the shortlisted bidders for the the fifth round of the Saudi Arabian government's renewable energy tender program.

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For the 2000 MW Al-Sadawi Solar PV IPP Project, the shortlisted bidders are a consortium comprising UAE-based Masdar and Korea Electric Power Corporation (KEPCO), which offered a price of \$0.0129/kWh, and a consortium formed by China-based SPIC Huanghe Hydropower Development Co., Ltd. and.

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, including several major renewables developers. In an announcement published by the Saudi Press Agency, the.

Dubai: Saudi Arabia has set a new world record for the lowest levelised cost of electricity for solar photovoltaics, achieving \$10.4 (Dh38) per megawatt-hour. Saudi Arabia, along with the UAE and Oman, is set to lead the Middle East's solar energy transition. This leadership is attributed to.

The Kingdom plans to generate 50% of its electricity from renewable sources by 2030, backed by a monumental investment of approximately \$188 billion. In 2023, the Saudi Power Procurement Company (SPPC) initiated the qualification process for four major solar projects totaling 3,700 MW of capacity.

Saudi Arabia's solar energy market is undergoing rapid expansion, with its value expected to rise from USD 2.5 billion in 2024 to USD 7.72 billion by 2030, according to Research and Markets. This growth, marked by a projected annual increase of 20.5%, is fueled by the Kingdom's Vision 2030.



**OPPORTUNITY DESCRIPTION:** Development of a Solar PV 300MW project in Saad as part of the REPDO Round 3 as an Independent Power Producer (IPP). How many solar panels will Saudi Arabia produce by 2030?

Solar panels on a camel trail and hiking path south of Riyadh. The Kingdom has set itself the target of generating half of its power needs from renewable sources by 2030 — 60 GW of solar and other forms of clean energy. (Shutterstock).

How much does solar cost in Saudi Arabia?

It stands as one of the largest single-contracted solar plants in the world and the largest in Saudi Arabia. Notably, it has achieved one of the lowest global costs for solar PV electricity production at just 1.239 US cents/kWh.

What are the biggest solar projects in Saudi Arabia?

Among the most prominent projects is the Sudair Solar PV Plant, which recently reached an operational capacity of 1,125 MW, with an ultimate goal of 1,500 MW. It stands as one of the largest single-contracted solar plants in the world and the largest in Saudi Arabia.

How much solar power does Saudi Arabia need?

With an ambitious target of 40 GW of solar capacity by 2030 and only 19 GW currently in the pipeline, Saudi Arabia must install an average of 5.5 GW of new solar capacity annually to meet its goal.

Who is winning SPPC bid - Masdar & EDF Renouvelables?

The SPPC announces that Masdar, EDF Renouvelables, Itochu Corporation and Total Energies Renewables are among the companies winning bid.



## Successful bid price of Solar Panel project in Saudi Arabia 2030

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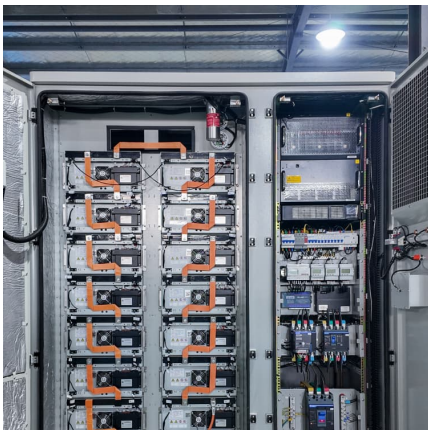


### [Saudi Arabia lines up solar projects for 3.7 GW](#)

RIYADH, October 22, 2024 - The Saudi Power Procurement Company (SPCC) has selected the shortlisted bidders for the fifth round of solar projects under the Ministry of Energy's National Renewable Energy Program (NREP), the SPCC ...

### **Saudi Arabia's Solar Energy Revolution , Huijue Group South Africa**

Why Saudi Arabia Is Betting Big on Solar Panels  
You've probably heard about Saudi Arabia's oil wealth, but did you know they're pioneering solar energy solutions in the Middle East? With ...



### **Saudi Arabia's Ambitious Vision 2030: Accelerating Solar Power**

The Kingdom plans to generate 50% of its electricity from renewable sources by 2030, backed by a monumental investment of approximately \$188 billion. In 2023, the Saudi ...

### [The Solar PV Cell & Module Manufacturing Plant](#)

The facilities will bring the latest solar energy technologies to Saudi Arabia and create top-quality equipment that can withstand extreme heat and sandstorms. The internationally accredited Laboratory examines the efficiency and reliability ...



### [5 Major Renewable Projects in Saudi Arabia . SCAVO](#)

With vast solar and wind potential, Saudi Arabia is making rapid progress by launching large-scale renewable energy projects that tap into its abundant natural resources. From the world's largest solar farms to smart cities powered ...



### [Saudi Arabia signs Agreements for 5,500 MW Solar ...](#)

Starting 2024, the Kingdom of Saudi Arabia will tender annually new renewable energy projects with a total capacity of 20 GW with the aim of reaching between 100 to 130 GW by 2030, depending on the growth of ...



### [PPPs in Saudi Arabia: Vision 2030 Projects & Investment](#)

In conclusion, public-private partnerships in Saudi Arabia are more than just a financing tool; they are a strategic instrument to achieve a modern, diversified economy as ...





### KSA Renewables Tracker , KAPSARC

for Renewable Projects in Saudi Arabia Saudi Arabia aims to have 50% of its electricity capacity from renewable sources by 2030, therefore reaching 100-130 gigawatts (GW) of renewable ...



### Saudi Arabia Solar Market Report

Saudi Arabia's 'Renewable Energy Project Development Office', within the Ministry of Energy, is responsible for delivering the countries National Renewable Energy Program in line with 'Vision 2030'.

### Saudi Arabia's Renewable Energy Revolution: Vision 2030 in Action

Saudi Arabia is rapidly transforming its economy, shifting from oil dependency to a leader in sustainable development. Driven by Vision 2030 and the Saudi Green Initiative, the ...



### [Saudi Arabia's Solar Revolution: Achieving 50](#)

It stands as one of the largest single-contracted solar plants in the world and the largest in Saudi Arabia. Notably, it has achieved one of the lowest global costs for solar PV electricity production at just 1.239 US cents/kWh.



### Saudi Arabia announces Shortlisted Bidders for 3,700 ...

The Saudi Power Procurement Company (SPPC) has announced the Shortlisted Bidders for the fifth round of solar projects under the National Renewable Energy Program (NREP) which is led and supervised by ...



### [Top 10+ Futuristic Mega Projects of Saudi Arabia in ...](#)

Introduction Saudi Arabia's Vision 2030 has catalyzed an unprecedented wave of megaprojects designed to transform the kingdom into a global hub for innovation, tourism, and sustainable development. As of 2025, ...

### [Saudi Arabia Solar Energy Market: Rapid Growth to 2030](#)

Saudi Arabia's solar energy market is undergoing rapid expansion, with its value expected to rise from USD 2.5 billion in 2024 to USD 7.72 billion by 2030, according to ...





### Sustainability and Grid Reliability of Renewable Energy ...

This trend is shifting, with several countries, including the Kingdom of Saudi Arabia (KSA), setting ambitious goals. Specifically, KSA's Vision 2030 aims to generate 50% of ...

### [Harnessing the Sun: Saudi Arabia's solar revolution](#)

Saudi Arabia is a world leader when it comes to extracting energy sources from the ground, but it is the Kingdom's drive to harness a power supply in the sky that is attracting ...

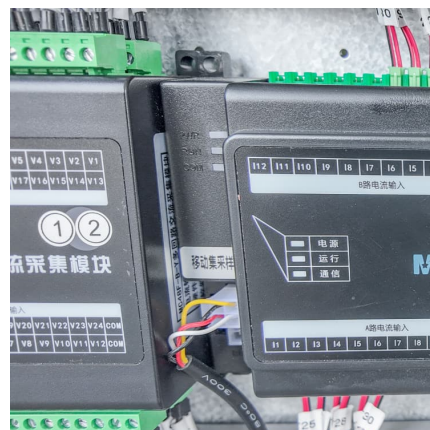


### EDF, SPIC Consortium signs 1,400 MW Solar IPP Projects in Saudi Arabia

The consortium led by EDF Renewables Middle East and SPIC Huanghe Hydropower Development Co. Ltd successfully signed the Power Purchase Agreement (PPA) ...

### Saudi Arabia Solar Market Report

Saudi Arabia's 'Renewable Energy Project Development Office', within the Ministry of Energy, is responsible for delivering the countries National Renewable Energy ...



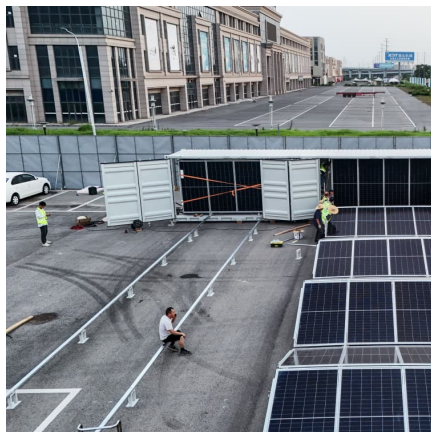


### **Shuaibah Solar Power Plant: Middle East's Largest Renewable Project**

Developed in partnership with CEEC, ACWA Power, and the Water and Electricity Holding Company (Badeel), the Shuaibah project is a key part of Saudi Arabia's ...

### [Saudi Arabia awards \\$3.25bn Solar PV Projects](#)

The Water and Electricity Holding Company (Badeel), a wholly-owned company of the Public Investment Fund (PIF), and ACWA Power announced the signing of power purchase agreements (PPAs) with the Saudi ...



### [The Biggest Solar Power Plant in Saudi Arabia , HAALA](#)

Built by: ACWA Power This plant shows Saudi Arabia's serious focus on reducing carbon emissions and moving towards cleaner energy, which supports the nation's ...

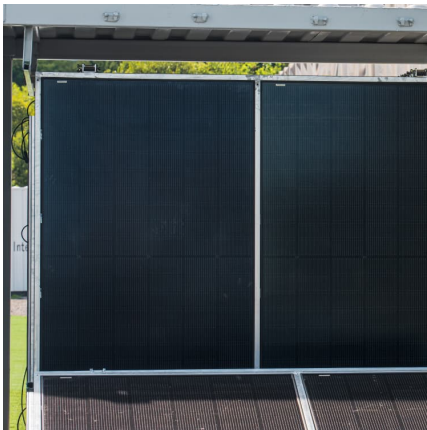
### [Sustainable green energy transition in Saudi Arabia: ...](#)

Saudi Energy Efficiency Centre's Energy Efficiency Action Plan aims to reduce power intensity by 30% by 2030, while the NEOM project showcases a 4 GW green hydrogen ...



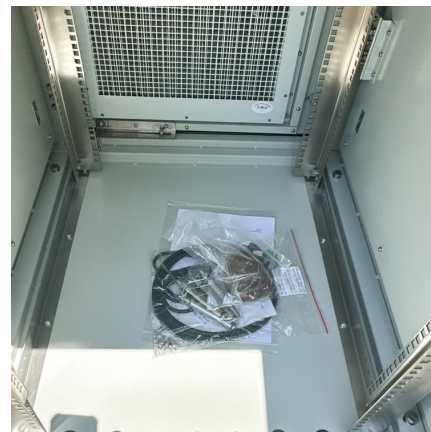
### [Giga projects spearheading Saudi construction boom](#)

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 ...



### [Top five solar PV plants in operation in Saudi Arabia](#)

Solar PV capacity accounted for 16.4% of total power plant installations globally in 2023, according to GlobalData, with total recorded solar PV capacity of 1,496GW. This is ...



### [Two solar IPP projects won by EDF Renewables](#)

These projects will increase our renewables asset capacity up to 3,500 MW in the Kingdom, paving the way for a future of sustainable growth and positive impact for the future generations, supporting the Kingdom's Vision ...





### [Harnessing the Sun: Saudi Arabia's solar revolution](#)

Saudi Arabia's National Renewable Energy Program sees the Kingdom aiming for a solar energy capacity of 40 gigawatts by 2030. Above, the solar plant in Uyayna, north of ...



### Market in Focus

Saudi Arabia has set the most ambitious targets for RE in the MENA region through its National Renewable Energy Plan (NREP), aiming for 58.7 gigawatts (GW) by 2030, of which 40 GW will ...

### Middle East's biggest solar energy plant to be built in Saudi Arabia

The biggest solar energy plant in the Middle East and North Africa (MENA) is set to be built in Saudi Arabia, following power purchase agreements between the PIF-owned Water and ...



### [Kingdom Accelerates Toward Vision 2030: ...](#)

5 ???· Riyadh, April 25, 2025, SPA -- Driven by the ambitious Saudi Vision 2030, the Kingdom of Saudi Arabia is making rapid strides toward a vibrant society, a thriving economy, and an ...



### Middle East's biggest solar energy plant to be built in ...

The biggest solar energy plant in the Middle East and North Africa (MENA) is set to be built in Saudi Arabia, following power purchase agreements between the PIF-owned Water and Electricity Holding Company (Badeel) and ACWA ...



### [Using the sun: Solar revolution in Saudi Arabia](#)

The emphasis on technological advancements reflects the industry's commitment to overcoming technical challenges and ensuring the long-term success of onshore floating solar projects in Saudi Arabia," the study ...

### [PIF , Giga-Projects , Public Investment Fund](#)

ROSHN Group, Saudi Arabia's leading multi-asset class real estate developer, serves as a key enabler of Saudi Vision 2030. Transforming urban landscapes and developing integrated, human-centric communities and destinations that ...





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