

# **Qatar s safe and durable outdoor solar power hub**



## Overview

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Qatar Energy has signed a deal with Samsung C&T to build a large-scale solar power plant in Dukhan, about 80 kilometers west of Doha. It will be one of the largest projects of its kind in the world. The 800 megawatt (MW) plant was inaugurated in October 2022 to support Qatar's electricity demand for FIFA World Cup Qatar 2022™. The Dukhan Solar Plant will be developed in two phases with a total capacity of 2,000 megawatts by . QatarEnergy has announced that it will build a new solar power mega project that will more than double the State of Qatar's solar energy production, significantly contributing to lower carbon emissions in the framework of a realistic energy transition.

## Qatar s safe and durable outdoor solar power hub

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### [QatarEnergy Signs Dukhan Solar Power Plant Construction Contract](#)

Doha, September 16 (QNA) - QatarEnergy signed an agreement with Samsung C&T's Engineering & Construction Group (Samsung C&T) for the construction of a world-scale solar power plant in

### One of the world's largest solar plants coming to Qatar

Qatar Energy has signed a deal with Samsung C&T to build a large-scale solar power plant in Dukhan, about 80 kilometers west of Doha. It will be one of the largest projects of its kind in



### Qatar announces to build 2,000 MW Solar Power Project

The new project will boost Qatar's PV solar power production capacity to about 4,000 megawatts by building one of the world's largest solar power plants in the Dukhan area, with a

### [QatarEnergy announces new 2,000 megawatt solar project at Dukhan](#)

QatarEnergy has announced that it will build a new solar power mega project at Dukhan, which will more than double the country's solar energy production, significantly contributing to lower





## **Qatar to build 2,000-MW solar energy facility in Dukhan**

In a statement, QatarEnergy said the new solar power mega project will be built in the Dukhan area, and will be one of the world's largest solar power plants.

### Qatar's Solar Energy Projects: Green Energy in Heart of Desert

Equipped with more than 1.8 million solar panels across 10 square kilometres, it supplies electricity to around 60,000 homes-covering up to 10 percent of national electricity needs at peak



## **QatarEnergy to Build 2,000 MW Solar Project**

So far Qatar has one operational solar facility, the 800 MW Al Kharsaa project, which was put onstream 2022. The facility, 60 percent-owned by QatarEnergy with TotalEnergies SE as partner

### One of the world's largest solar plants is being built in Qatar , Time

The plant will have solar trackers and heat-proof inverters to ensure it can keep generating electricity efficiently, and really making use of Qatar's hot summer days.



### Qatar's 2,000 MW Dukhan solar plant: Building the renewable energy

Qatar is building one of the world's largest solar power plants. QatarEnergy signed an agreement

with Samsung C&T for the construction of the  
Dukhan solar power plant, which will reach

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