

Solar power station in China in Doha





Overview

Where is Qatar's first solar power plant?

Qatar's first solar power plant, built by Chinese companies, was put into operation on Tuesday, marking a milestone for the country in energy transition. The 800MW Al Kharsaah Solar Power Plant, located in the desert area about 80 kilometers west of its capital Doha, is one of the largest in the Middle East.

Where is Al Kharsaah solar power station located?

A bird's-eye view of the 800-megawatt Al Kharsaah photovoltaic power station in Qatar [Photo/sasac.gov.cn] Located 80 kilometers west of Doha, the capital city, the Al Kharsaah PV power station covers an area of 10 square kilometers and is equipped with more than two million solar panels, giving full play to local solar resources.

How much Chinese equipment is used in Al Kharsaah solar power plant?

"Chinese equipment was applied throughout the project's 800 MW photovoltaic area, which makes up more than 60 percent of the total investment," said Li Jun, on-site construction manager of Al Kharsaah Solar Power Plant.

Why is Qatar launching a solar power plant?

The start-up of the Al Kharsaah solar power plant represents a milestone in the country's energy history, since it is set to produce 10% of its peak electricity demand at full capacity. Over its lifespan, it will also enable Qatar to reduce its CO₂ emissions by 26 million metric tons.



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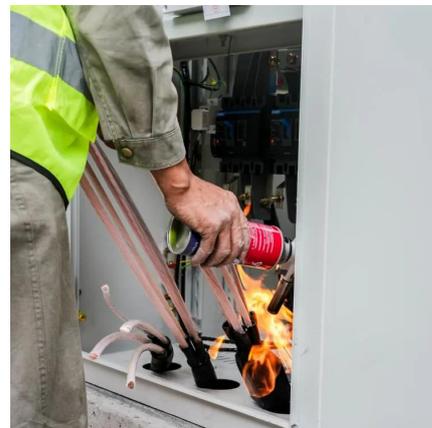
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The Al-Kharsaah Solar Power Plant, developed in the Al-Kharsaah area of western Qatar on a 10-square-kilometer area of land, is the country's first non-fossil fuel power plant and currently the

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Dec 4, 2022 · The 800-megawatt Al Kharsaah photovoltaic power station, Qatar's first non-fossil-fuel power station, was independently built by Power-China Guizhou Engineering Co.



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