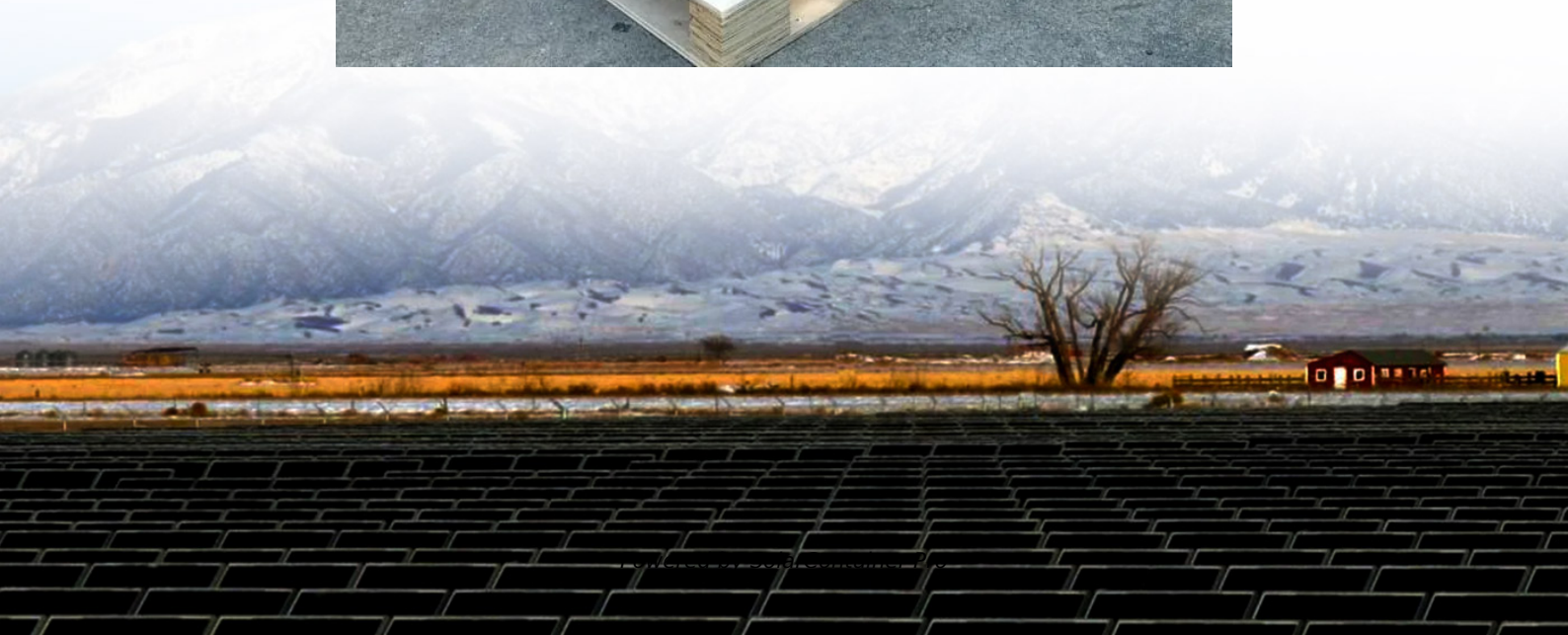


Photovoltaic solar panels at the Qatar factory





Overview

The construction started in July 2020. The power plant was built in two phases, each with 400 MW generation capacity construction. The power plant was commissioned in 2022, making it the first photovoltaic power plant in Qatar.

The solar facility will be constructed on more than 1000 hectares and will have two million bifacial solar modules with trackers, allowing for significant power enhancements and reaping the benefits of the region's high exposure to sunlight. The project will cost 1.7 billion riyals (\$467m).



Photovoltaic solar panels at the Qatar factory



[Top 12 Solar Power Companies in Qatar \(2025\) .ensun](#)

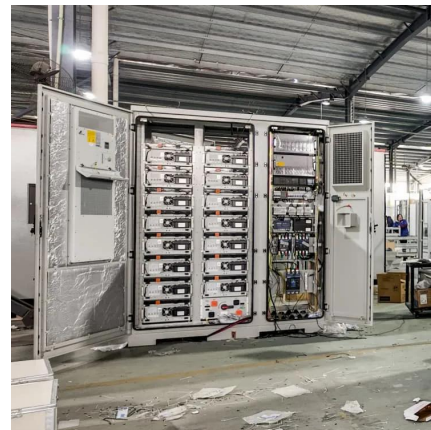
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Qatar's first large-scale solar plant by TotalEnergies consortium

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[Largest solar power stations in Qatar](#)

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Siraj-1 Photovoltaic Solar Power Project, Al Kharsaah, Qatar

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Al-Kharsaah Solar Power Plant

The construction started in July 2020. The power plant was built in two phases, each with 400 MW generation capacity construction. The power plant was commissioned in 2022, making it the first photovoltaic power plant in Qatar.

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