

Solar power storage in China in Algeria





Overview

Data reported by the specialized platform Attaqa indicates that the North African nation is set to import a substantial 850 megawatts (MW) of solar panels from China during the first half of 2025. When will a 300 MW solar power plant be built in Algeria?

The state-owned China State Construction Engineering Corporation (CSCEC) began building a 300 MW solar power plant in Algeria's Oued Province in March 2024 as part of the Solar 1,000 MW program. The project is slated for completion by late 2025 or early 2026.

What is Algeria doing with solar energy?

Building on the Solar 2,000 MW and Solar 1,000 MW programs launched by Algeria's state-owned company Sonelgaz, which include a wide range of solar energy initiatives, the government aims to diversify its revenue streams and reduce reliance on natural gas, which is currently primarily used for power generation in the country.

How much solar capacity does Algeria need?

With approximately 450 MW of installed solar capacity today, Algeria would need to deploy an additional 5,000 MW to meet the solar capacity target outlined in the regulator's 2028 generation capacity scenario. To meet the official 2030 targets, 22,000 MW total of renewable capacity would need to be deployed.

Could Algeria become a solar supply hub?

Given Algeria's location at the crossroads of Europe, the MENA region, and sub-Saharan Africa, the nation could conceivably become a manufacturing supply hub for the renewables industry. Algeria already has three solar panel facilities totaling 260 MW of annual solar panel production capacity (about 40 percent of which became operational in 2020).



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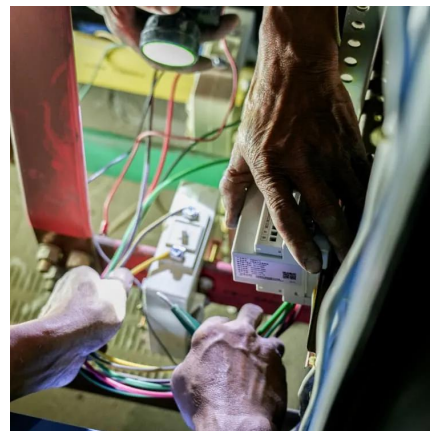
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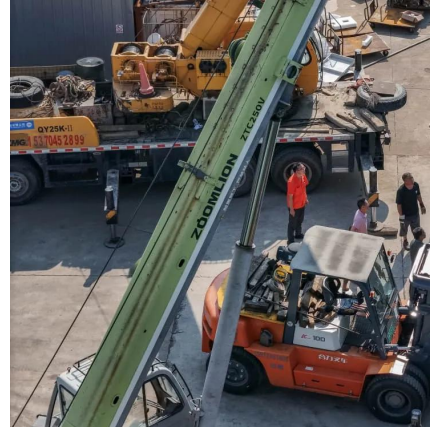
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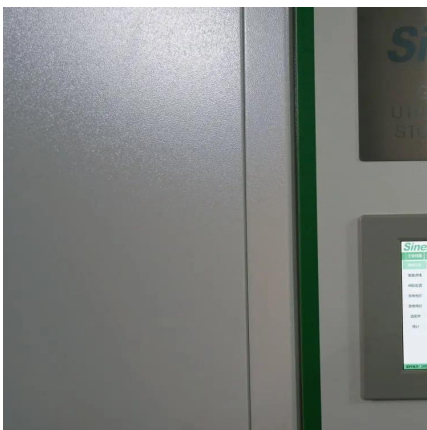


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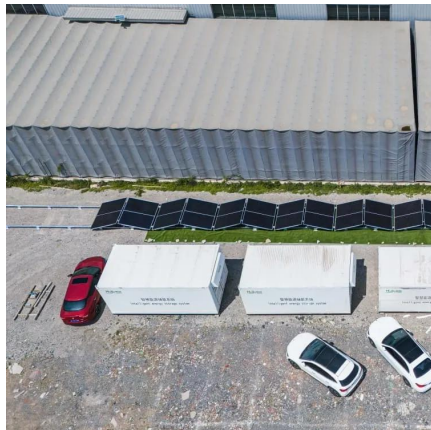
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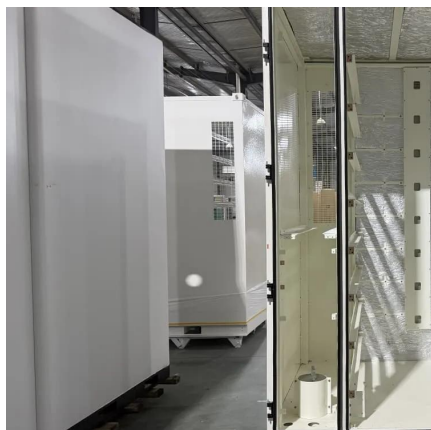


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