

Solar power with grid backup in Tunisia





Overview

Can Tunisia harness solar energy?

Abstract: Solar energy holds immense potential for Tunisia, a country blessed with abundant sunshine. With an average of over 3,000 hours of sunlight annually, Tunisia is ideally positioned to harness solar power to meet its energy demands sustainably.

Why is solar energy important in Tunisia?

Solar energy also contributes to Tunisia's economic development. Expanding the solar energy sector creates job opportunities in manufacturing, installation, maintenance, and research. It attracts foreign investments, particularly in large-scale solar projects like photovoltaic (PV) farms and concentrated solar power (CSP) plants.

Will a solar park be built in Tunisia?

Renewable power plants operator Voltalia SA (EPA:VLTSA) has been awarded a project to build a 130-MW solar park in Tunisia and run it under a contract with the country's power grid operator. The Castellet solar park. Photo by: Voltalia (). The photovoltaic (PV) farm will be installed near the city of Gafsa, in southwestern Tunisia.

Who is building TuNur solar power in Tunisia?

Currently, the British group NurEnergie (Figure 5) is planning to build the 4.5 GW TuNur solar power project in the governorate of Kebili, an integrated solar energy project linking Tunisia's sunny desert to European electricity markets.



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Tunisia Secures EUR79M Deals for Solar Power Expansion

Oct 4, 2024 · The EUR79 million projects aim to help Tunisia achieve 35% renewable energy by 2030 and reduce reliance on fossil fuels. These solar plants will create jobs, boost electricity ...

Tunisia - Two agreements signed for the construction of

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MIGA Boosts Tunisia's First Large-Scale Solar Energy Project

Jul 31, 2024 · This landmark project will be the first large-scale privately financed grid-connected solar independent power producer in the country and will support the government of Tunisia's ...

Tunisia accelerates large-scale solar as new players enter ...

Dec 4, 2025 · The Tunisian government says concession and authorization frameworks are advancing multiple PV projects, while new entrants including SoleCrypt plan additional plants, ...

Tunisia solar expansion: Impressive 1.3 GW Push by 2025

4 days ago · Tunisia has initiated a major renewable energy project by launching a tender to add 1.3 gigawatts (GW) of solar capacity. The announcement was made by the Tunisian Ministry of ...

Tunisia Ramps Up its Energy Transition with Series of Solar ...

Mar 31, 2025 · Over the past few years, Tunisia has ramped up its #EnergyTransition program with a target of enabling at least 3.8 GW of renewable capacity by 2025. A good portion of the ...

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AMEA Power completes back-energization at 120 MW solar plant in Tunisia

Nov 11, 2025 · AMEA Power and STEG completed back-energization at the 120 MW Kairouan solar PV plant, Tunisia's largest and first linked to the 225 kV grid.

Tunisia Secures EUR79M Deals for Solar Power ...

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STEG Unlocks Solar Grid Access in Tunisia - Silicon Africa

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