

Which solar projects have been approved in Tunisia?

The Tunisian government has granted licenses to four PV projects with a combined capacity of 500 MW. The selected developers are Qair International, Voltaia, Toyota Tsusho and Scatec. Tunisia's Minister of Industry, Mines and Energy, Fatima Al-Thabat Shibb, has approved four solar projects with a combined capacity of 500 MW.

Is Tunisia ready for a large-scale solar project?

It previously completed a 500 MW solar tender in December 2019. In October 2024, Tunisia launched a new tender for 200 MW of large-scale solar, with submissions due by Jan. 15, 2025. Tunisia's total solar capacity reached 506 MW by the end of 2023, according to the International Renewable Energy Agency (IRENA).

How is Tunisia advancing utility-scale solar?

Tunisia is advancing utility-scale solar through a series of tenders, including the latest procurement round launched in January 2023. It previously completed a 500 MW solar tender in December 2019. In October 2024, Tunisia launched a new tender for 200 MW of large-scale solar, with submissions due by Jan. 15, 2025.

How much electricity does a solar system produce in Tunisia?

In other words, for every kilowatt-peak (kWp) of installed solar capacity, the system can generate approximately 1650 kilowatt-hours (kWh) of electricity per year. As of March 2022, the price of electricity in Tunisia stood at \$0.07 per kilowatt hour (kWh) for households, making it an affordable option for residential consumers.

How much solar radiation does Tunisia have?

Solar radiation varies from 1,800 kilowatt hours (kWh)/m²/year in the north to 2,600 kWh/m²/year in the south. The average total horizontal irradiation ranges from 4.2 kWh/m²/day in the northwest of Tunisia to 5.8 kWh/m²/day in the extreme south. Given these favourable conditions, the productivity of photovoltaic systems in Tunisia is very high.

France-based Qair International will build a 100 MW facility in the Kasr region of Gafsa province and a 200 MW project in the Al-Khabna region of Sidi Bouzid Governorate. ...

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Azam et al. [10] integrated a small PV generator and a solar air collector with a dryer greenhouse, which is established to raise the transfer of solar irradiation into useful heat gain. ...

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Explore Tunisia solar panel manufacturing with market analysis, production statistics, and insights on capacity, costs, and industry growth trends.

There are no precise statistics concerning Tunisia's current installed solar capacity. As of 2016, a meager 15 Megawatts of solar energy was connected to the national grid. However, solar ...

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Two agreements have been signed at Kasbah Palace between the Tunisian government and Norwegian and Japanese renewable energy companies, "Scatec" and ...

Three of the projects, each with a capacity of 100 MW, are being developed by French companies Qair International SAS and Voltalia SA and Norwegian company Scatec. ...

Solar powered water pump technology is a very good solution to agricultural irrigation. The system consists of 10kW solar array, 4kW pump inverter and 2.2kw pump and provides 15m³/h water ...

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The two solar photovoltaic power plants, each with an installed capacity of 60MW, will be developed by energy provider Scatec and Aeolus, part of Japanese conglomerate ...

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The Tunisian Solar Plan foresees a share of renewable electricity of 35% and an installed capacity of 4GW by 2030. In 2021, Tunisia had achieved only 400 MW, with the majority stemming from ...

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The two solar photovoltaic power plants, each with an installed capacity of 60MW, will be developed by energy provider Scatec and Aeolus, ...

In this context, Tunisia, through its latest solar plan, aims at generating 30% of electricity from renewable sources by 2030, with 15% of which has been reserved to solar photovoltaic energy.

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