

# Solar power plant for home Tunisia

What is a photovoltaic power plant in Tunisia?

In Tataouine, in the governorate of Tunisia that goes by the same name, a photovoltaic power plant is in operation that can reach a maximum installed capacity of 10 MW to supply more than 20 GWh of energy per year to the national grid. The plant is equipped with a solar tracking system that optimises the energy that is produced.

Does Tunisia have a solar power plant?

First utility-scale photovoltaic plant (10 MW, in Tozeur) was commissioned in 2019 on German money. Tunisia aims to generate 30% of its electricity from renewable sources by 2030. The country currently gets only 3% to 6% of its electricity from renewable sources, mostly from wind and hydro. Solar energy capacity is at 35 megawatts (MW).

What are Tunisia's energy projects?

One third of the projects will be for wind farms and two thirds for solar photovoltaics. Tunisia's national grid is connected to those of Algeria and Libya which together helped supply about 12% of Tunisia's power consumption in the first half of 2023.

Who produces electricity in Tunisia?

State power utility company STEG controls 92.1% of the country's installed power production capacity and produces 83.5% of the electricity. The remainder is imported from Algeria and Libya as well as produced by Tunisia's only independent power producer (IPP) Carthage Power Company (CPC), a 471-MW combined-cycle power plant.

Will Tunisia be able to generate 30% of its electricity by 2030?

Tunisia has a target of generating 30% of its electricity from renewable energy sources by 2030. The south of the country, where our Adam and Tataouine power plants are located, is an ideal area for solar power generation.

What is the productivity of PV solar systems in Tunisia?

With these favourable conditions, the productivity of PV solar systems in Tunisia is very high. According to IRENA's Global Atlas, annual electricity production by PV solar systems varies between 1 450 kWh per kilowatt-peak (kWp) in the northwest region and 1 830 kWh/kWp for systems installed in the extreme southeast region.

Paris & Tunis, April 15, 2024 - Renewable energy company Qair has closed financing for the construction and operation of two 10 MW greenfield photovoltaic (PV) plants, located in ...

Tunisia takes a significant step towards renewable energy with the inauguration of its first 1 MW photovoltaic



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solar power plant in Djerba. The project, costing 3 million dinars, ...

The Kairouan Solar Project, Tunisia's first large-scale solar initiative, significantly boosts the country's renewable energy capacity by providing 100 MW of solar power to the national grid. This initiative, part of ...

The Global Forum on Sustainable Energy (GFSE) cites a study saying Tunisia has potential to create 840GW of solar PV projects and 1,000GW of concentrated solar power. How much solar energy projects does Tunisia ...

The solar plant is being implemented by Kairouan Solar Plant, a project company registered in Tunisia and fully owned by AMEA Power, and will be located in Metbassta, Kairouan governorate. The project is being financed ...

Dubai-based renewables developer and operator AMEA Power on Wednesday announced the start of construction of its 120-MWp Kairouan solar photovoltaic project in Tunisia, launching works on what will be its ...

The 120 MWp Kairouan Solar PV project is being implemented by Kairouan Solar Plant, a project company registered in Tunisia and fully owned by AMEA Power. The project will be built under ...

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.

