

Solar power generation in Tunisia





Overview

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.

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.

How much energy does Tunisia generate?

Source: IRENA. According to Global Energy Monitor, Tunisia has a generating capacity of 6,079 MW total, comprised of oil and natural gas (5,771 MW), solar (55 MW), and onshore wind (253 MW). In 2022, Tunisia increased its renewable energy target to 35% of total energy generation by 2030.

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's energy infrastructure , African Energy

Revised in November 2024, this map provides a detailed view of the energy sector in Tunisia. The locations of power generation facilities that are ...

Tunisia Tunis falling behind on renewable energy plans

Apr 24, 2024 · Africa Intelligence has learned that Norwegian firm Scatec Solar has thrown in the towel on two of three solar photovoltaic power generation projects in Tunisia's Tataouine, ...

Tunisia awards solar power projects to ...

Mar 25, 2025 · They are part of phase 1 of a series of solar and wind power projects with a combined generation capacity of around 1,700MW, the ...

Tunisia solar expansion: Impressive 1.3 GW Push by 2025

3 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 ...

Solar Photovoltaic , ANME

2 days ago · According to the Global Atlas of the International Renewable Energy Agency (IRENA), the annual power generation of solar photovoltaic systems varies between 1,450 ...

Solar Energy

In Tunisia, electricity generation within the Solar Energy market is projected to reach 170.83m kWh in 2025. The country anticipates an annual growth rate of 1.71%, which represents the ...

Scatec signs 25-year PPA in Tunisia for a 120 ...

Mar 24, 2025 · With 97% of electricity production currently derived from gas, of which approximately half is imported, Tunisia has an urgent need for ...

Tunisia awards over 500MW of solar capacity ...

Dec 31, 2024 · Tunisia has announced the winners of tenders for over 500MW of solar capacity, including Qair International and Voltalia.

Potential of concentrating solar power (CSP) technology in Tunisia ...

Apr 1, 2016 · In this paper, the potentials of solar resources and the suitable factors for the deployment of concentrated solar power CSP in Tunisia were presented...

Power Sector Transition in Tunisia

2 days ago · The Government of Tunisia is taking steps to diversify its energy generation mix by bringing on hydropower and solar energy. As one of the most climate vulnerable ...



Tunisia kicks off stalled expansion of solar projects with ...

4 days ago · Tunisia is finally accelerating the deployment of its large-scale photovoltaic (PV) sector after years of slow progress, with construction now underway across multiple major ...

Solar Energy in Tunisia: Literature Review

Dec 4, 2024 · 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 ...

Tunisia awards solar power projects to international companies

Mar 25, 2025 · They are part of phase 1 of a series of solar and wind power projects with a combined generation capacity of around 1,700MW, the statement said. Prime minister of ...

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

Mar 31, 2025 · Tunisia has already awarded contracts for four utility scale PV projects with a total generation capacity of 1.7GW. The solar farms are expected to become online during either ...

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

Dec 4, 2025 · After years of delays, Tunisia is accelerating deployment of its large-scale photovoltaic (PV) sector. The Ministry of Industry, Mines, and Energy said construction ...

Tunisia greenlights four solar PV projects ...

Mar 27, 2025 · The Tunisian Ministry of Industry, Mines and Energy has granted development licenses for four solar PV projects in Tunisia, with a ...

Tunisia Ramps Up its Energy Transition with ...

Mar 31, 2025 · Tunisia has already awarded contracts for four utility scale PV projects with a total generation capacity of 1.7GW. The solar farms are ...

Qair turns sod on 20-MWp solar park duo in Tunisia , Solar Power ...

Dec 13, 2024 · French independent renewable power producer Qair on Thursday said it has kicked off the construction of two solar parks in Tunisia, which will add 20 MWp of power ...

Scatec signs long-term PPA for 120MW solar ...

Mar 26, 2025 · Scatec has secured a 25-year PPA with Tunisia's state utility, STEG, for its 120MW Sidi Bouzid II solar power plant in Tunisia.

Tunisia greenlights four solar PV projects totalling 500 MW.

Mar 27, 2025 · The Tunisian Ministry of Industry, Mines and Energy has granted development licenses for four solar PV projects in Tunisia, with a combined capacity of 500 MW. France's ...

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