

How much electricity does Tunisia get from renewable sources?

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). In addition to wind and hydro, the Tunisian government plans to use biogas to produce renewable energy.

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 is the energy sector in Tunisia?

The energy sector in Tunisia includes all production, processing and transit of energy consumption in this country. The production involves the upstream sector that includes general oil and gas, the downstream sector that includes the only refinery in Tunisia and most of the production of natural gas, and varied electrical/renewable energies.

Should Tunisia establish an Energy Regulatory Authority?

Tunisia should also prioritize establishing an energy regulatory authority to help enforce performance standards and strengthen the financial viability of the sector and address the governance challenges, political instability, and insufficient government commitments that are impeding private sector engagement. ( Learn more about climate finance .)

Could nuclear energy be a viable alternative to fossil fuels in Tunisia?

The Tunisian government has partnered with Russia and France in hopes of establishing nuclear energy as a viable alternative to fossil fuels and taking up a nontrivial chunk of the energy production in Tunisia. This is expected to be accomplished in the 2020s. Sousse thermal power station, combined gas cycle belonging to STEG.

Does Tunisia have a green wave of energy production?

This creates the overlap for biogas to take on some level of energy production in Tunisia's continued green wave of energy production. In 2016, Tunisia emitted 29 Mega tons of carbon dioxide equivalent (MtCO<sub>2e</sub>) in greenhouse gases. The country aims to reduce its carbon intensity by 13% in 2030, compared to 2010 levels.

As Tunisia accelerates its renewable energy transition, it must balance economic, social and environmental priorities. By integrating the principles of a just transition--ensuring local communities benefit, fostering inclusive governance and prioritizing equity--Tunisia can fully unlock its green energy potential while

uplifting its most ...

The scarcity of national natural resources along with the increase of energy demand leads Tunisia to initiate an energy transition process focusing on the increase of the share of renewable energies in the production of electricity in ...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

Tunisia has embarked on an impressive path toward renewable energy and energy efficiency. The Government released an update to the Tunisia Solar Plan in 2018-- an ambitious roadmap for their energy sector--which calls for the acceleration of renewable energy projects by 2030.

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

Tunisia's ambitious plan to increase renewable energy production is geared toward reducing its overreliance on imported gas for its power generation that threatens its energy security. The Kairouan Solar Project will be the first milestone to achieve the government's plan and will pave the way for further private investments in the sector.

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In June 2023, the World Bank approved US\$268.4 million in financing for the Tunisia-Italy interconnector (ELMED) project that will link energy grids between Tunisia and European markets, with the eventual aim for Tunisia to export excess renewable 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 operating, under construction or planned are shown by type - including gas and liquid fuels, natural gas, hybrid, hydroelectricity, solar (PV and CSP), wind and biomass/biogas.

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The scarcity of national natural resources along with the increase of energy demand leads Tunisia to initiate an energy transition process focusing on the increase of the share of renewable energies in the production of electricity in order to reach 12% by 2020 and 30% by 2030, in comparison to the

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The guarantee covers the risks of transfer restriction, expropriation, war and civil disturbance, and breach of contract for 20 years. In addition to its own resources, MIGA is utilizing the Renewable Energy Catalyst Trust Fund to provide a first-loss layer to support first grid-connected renewable independent power producers in the country.

OverviewElectrical sector and renewable energiesOil and gas upstream sectorDownstream sectorNuclearSee alsoThe International Energy Agency reports for 2014 an electricity production of 19 TWh, compared to 10.5 TWh in the year 2000. The Tunisian Company of Electricity and Gas (STEG), a public company, ensures the three quarters of production. The network operates at 50 Hertz and the voltage at the domestic level is 230 Volts. Virtually all Tunisian electricity (18 TWh) is produced by thermal power plants burning natural gas...

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