

What percentage of Tunisia's electricity is renewable?

In 2022, only 3% of Tunisia's electricity is generated from renewables, including hydroelectric, solar, and wind energy. While STEG continues to resist private investment in the sector, Parliament's 2015 energy law encourages IPPs in renewable energy technologies.

Is Tunisia suffering from a serious electricity crisis?

Belhassan Chiboub, the director-general of electricity and energy transition at Tunisia's Ministry of Industry, Energy and Mines, explained that the electricity sector in Tunisia is suffering from a serious crisis, commenting that the electricity deficit was around 59 per cent in 2019.

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 Tunisia's energy mix?

The energy mix currently consists of 53 per cent natural gas and 44 per cent raw petroleum materials, while renewable energies only contribute 3 per cent. Tunisia created the Energy Transition Fund (FTE) in 2013, representing an essential tool for developing energy efficiency and renewable energy through subsidising long-term projects.

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.

What percentage of Tunisia's electricity comes from fossil fuels?

Around 97 per cent of Tunisia's electricity comes from fossil fuels, particularly natural gas imported from Algeria, which in 2021 served 45 per cent of Tunisia's energy needs. Between 2010 and 2021, the energy sector recorded a decrease of 4 per cent per year, while demand has grown continuously by 2 per cent annually over the same period.

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Renewable Energy Law for Electricity Production (No.74/2013) The Decree on connection and access of renewable electricity to the national grid Tax exemptions for the import of renewable energy and energy

efficiency equipment materials

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Reforming the entire energy system and making the switch to relying more on renewable energy remains a priority for Tunisia, with the ultimate goal of attracting foreign investments and reducing energy dependence.

The Government of Tunisia (GoT) has embarked on an ambitious path to increase its renewable energy production. The GoT plans to reach 35% of renewable energy ...

The country's electricity generation mix is dominated by natural gas, production of which has stagnated in recent years, leaving Tunisia increasingly vulnerable to supply disruptions and volatile energy prices. The report is also available in ...

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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early 2000s, and Tunisia's vulnerability to volatile international energy prices, the country has decided to embark on an energy transition process as part of its wider sustainable economic and social development strategy. Amid the coronavirus outbreak in early 2020, renewables and energy efficiency have become a key

Tunisia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across ...

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at 35 megawatts (MW). In addition to wind and hydro, the Tunisian government plans to use biogas to produce renewable energy. [12]

The large-scale development of renewable energy could catalyze economic growth in Tunisia in several ways: firstly, by reducing energy cost and decreasing the need for subsidies; secondly, by making this energy green and minimizing dependence on imported fossil fuels, thereby contributing to more balanced trade flows; and thirdly, by attracting ...

The Government of Tunisia (GoT) has embarked on an ambitious path to increase its renewable energy production. The GoT plans to reach 35% of renewable energy in the electricity system capacity by 2030, against 3% currently. Renewable energy is then expected to cover 50% of the electricity needs by 2035, and 100% of all electricity needs by 2050.

In fact, the study suggests that Tunisia should include more renewable sources into its energy mix, by efficiently exploiting its potential of solar and wind energy. This strategy can enable Tunisia to meet its energy needs, reduce its energy dependency, and take advantage of export potential, especially considering its proximity to Europe.

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