

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.

Will private players drive the Tunisia power market?

Moreover, the government has plans to launch tenders for about 3.5 GW of renewable energy of about USD 3.5 billion by 2030, or approximately 350 MW per year, over the next ten years. Hence, the above points indicate that the increasing involvement of private players in the market is likely to drive the Tunisia power market over the forecast period.

Who produces the most electricity in Tunisia?

In 2020, the state power utility company, STEG, controlled more than 90% of the country's installed power production capacity and produced more than 80% of the total electricity in Tunisia. The remainder was produced by Tunisia's major independent power producer (IPP), Carthage Power Company (CPC), which owned a 471-MW combined-cycle power plant.

What factors will drive the Tunisian power market?

Factors, such as the increasing participation of private players in the market, are likely to drive the Tunisian power market. However, energy security challenges such as strong dependence on natural gas and imports are expected to have a negative impact on the Tunisian power market.

Where does Tunisia's electricity come from?

Much of Tunisia's electricity production comes from gas turbines. Major players in this sector include General Electric (USA), Mitsubishi (Japan), Ansaldo (Italy), and Siemens (Germany). In 2019, STEG launched a tender to install a pilot smart grid power distribution system of 400,000 smart meters.

How much power does Tunisia produce?

Tunisia has a current power production capacity of 5,944 megawatts (MW) installed in 25 power plants, which produced 19,520 gigawatt hours in 2022. State power utility company STEG controls 92.1% of the country's installed power production capacity and produces 83.5% of the electricity.

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To support the ambitious plans for decarbonizing the Tunisian power system, GET.transform teamed up with GIZ's program, Support for an Accelerated Energy Transition in Tunisia ...

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