

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.

What drives Tunisia's energy transition?

Three key drivers will dictate Tunisia's energy transition: energy security,given Tunisia's growing energy balance deficit; economics,given the relative decrease in the price of renewables; and environment,given the Country's commitment to reduce domestic greenhouse gas emissions.

What percentage of Tunisia's electricity is generated from natural gas?

In 2020,natural gas made up 86% of Tunisia's installed capacity and 95%of power generation,while renewable energy made up 13% of installed capacity and 5% of power generation. Fossil fuels represent the majority of Tunisia's electricity generation mix (approximately 97%),with natural gas being the primary fuel source.

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.

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.

Does Tunisia have a power grid?

Tunisia's national grid is connected to those of Algeria and Libyawhich together helped supply about 12% of Tunisia's power consumption in the first half of 2023. Moreover,in August 2023,Tunisia's sub-sea connection project with Italy,called ELMED,was approved for \$337 million funding from the European Commission.

Power Sector Transition in Tunisia. Tunisia possesses significant domestic renewable energy potential and is committed to raising the share of renewable generation to 30% by 2030, marking a substantial step toward a more ...

We recognize the diverse needs and potential of renewable energy and energy efficiency projects in Tunisia. Whether you are a large-scale project developer or a small business owner, we cater to a wide range of project sizes and potential partners.

A Private Sector Program for Energy Transition in Tunisia. In 2022, 98.1% of Tunisia's electricity was derived from natural gas, two-thirds of which was imported from Algeria, making Tunisia especially vulnerable to the volatility of international oil and gas price shocks.

Tunisia's power sector is well developed, and nearly the entire population enjoys access to the national electricity grid. 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.

Tunisia's power sector is well-developed, with 99.8% of its population having access to the national electric grid. The power system is interconnected to those of Algeria and Libya, though connection with the latter country is operated with precaution due to electrical instability.

The USAID seeks technical assistance to support the implementation of their Power Tunisia Activity, which seeks to advance self-reliance in Tunisia by strengthening the country's institutional capacity to manage, operate, and maintain a modern, diversified and financially sound electricity system.

Advancing Tunisia's energy security and resilience by providing technical assistance and facilitating investment funding for the deployment of clean energy technologies resulting in increased clean energy generation capacity, reduced energy demand and consumption, and lower CO2 emissions.

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