

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.

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 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 is the law relating to renewables in Tunisia?

The law relating to renewables in Tunisia (Law No 2015-12, the " Law ") as complemented by Decree No 2016-1123 and No 2020-105 (the " Decrees "), sets out the conditions and procedures for the implementation of projects for the production and sale of electricity from renewable energy sources.

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.

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.

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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 ...

Renewable energy offers Tunisia an opportunity to stabilize its economy. By reducing its dependence on imported fossil fuels, Tunisia can protect itself from the energy import costs that strain national finances. For

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