

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.

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 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 is the Energy Transition Fund (FTE) in Tunisia?

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. In 2015, following the FTE, new regulations obliged the government to increase renewable energy.

What does the new energy package mean for Tunisia?

The new package proposed in January 2023 by Naila Nouira, the Tunisian minister of Industry, Mines and Energy, aimed at accelerating the rate for the implementation of renewable energy projects.

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.

Tunisia is making remarkable progress in its transition to renewable energy, with a strong focus on solar, wind, and biomass sources. The country is determined to diversify its energy mix and reduce its reliance on fossil fuels, setting an ambitious goal to generate 35% of its electricity from renewables by 2030.

The country adopted the Tunisia Solar Plan (TSP) in 2012 to increase the portion of renewable energy on the grid to 30 % by 2030, relying on wind (15%), photovoltaics (10%) and concentrated solar energy (5%). Tunisia is also focused on increasing energy efficiency over the 2013-2020 period to achieve an average reduction in electricity demand ...

The Road Ahead: Tunisia's Energy Future. Looking ahead to 2030, Tunisia's energy transition is both a challenge and an opportunity. The country's efforts to diversify its energy sources and ...

PDF | On Jun 6, 2022, Talbi Besma published Energy Prices, Energy Intensity and Technological Progress: Impact and Causality Analysis in Tunisia | Find, read and cite all the research you need on ...

a) The Tunisian Solar Plan: a renewal of the trend towards dependency as strategic orientation In 2015, 7 Tunisia launched the updated version of the Tunisian Solar Plan (its French acronym is PST), an operational plan that sits within the country's energy transition strategy. The plan was originally published in 2009 and aims to increase the ratio of renewable ...

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 ...

Published under the title Reforming Energy Subsidies for a More Sustainable Tunisia, the report forecasts Tunisia's GDP growth for 2023 to be around 2.3 percent, subject to significant uncertainty and depending on the progress of financing conditions and structural reforms. The report recommends adopting and implementing a necessary reform ...

Progress at all five of the large solar photovoltaic concessions first launched in 2019 is an indication that Tunisia's renewable power sector may be moving forward despite extremely difficult political conditions. Scatec's farm-out of a stake in its two projects to Japan's Aeolus represents a major new commitment, backed by carbon credits along with debt financing.

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.

Tunisia mostly relies on gas imports to meet its primary energy needs: almost 97% of its electricity generation came from gas in 2016. However, energy policy puts the emphasis on renewable energy. Electricity generation from wind power strongly increased

Power will be sold to Tunisia's state utility STEG under a 30-year deal with construction set to begin in 2025 for 2026 start-up, Voltalia says. Tunisia is targeting 30% of power from renewables by 2030. But progress to date has been slow. For 2023 the figure was 2.2%. (CONTINUED - ...

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. Given an annual 4%-5% growth in power consumption, natural gas price ...

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 ...

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.

MONTHLY PROGRESS REPORT #7. Contract AID/SD-C-0005. Project #6E4-a%5-3-10054. TUNISIA ENERGY TRAINING. 1. INTRODUCTION This is the seventh progress report to be submitted by. Human Resources Management, Inc. (HRM) to the AID Project Officer, as required under the contract (Article I,C,1.) This report. covers the 3/2/81- 4/20/81 period. 2 ...

Through June 2023, Tunisia had about 565 MW of installed renewable energy capacity of which 240 MW was wind power, 263 MW solar power, and 62 MW of hydroelectric power, representing a combined 8% of national energy production capacity. The GOT aims to raise the usage of renewable energy resources to 35% of total power capacity by 2030. Green ...

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