

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.

Can Steg meet peak summer electricity demand in Tunisia?

STEG is hard-pressed to meet peak summer electricity demand, let alone keep up with Tunisia's annual 5% growth in power consumption. Approximately 97% of Tunisia's electricity is generated from fossil fuels, mainly natural gas. Through June 2023, nearly 47% of Tunisia's natural gas needs were met through imports (mainly from Algeria).

Why does Tunisia need more electricity?

As one of the most climate vulnerable Mediterranean countries, Tunisia's electrical system is expecting increased demand resulting from expanding peak-hour demand patterns, intensifying cooling needs stemming from greater warm spells, and increasing desalination needs.

Why is Tunisia prone to brownouts?

As a result of delays in power plant construction, the power sector does not possess excess generation capacity and is susceptible to brownouts. STEG is hard-pressed to meet peak summer electricity demand, let alone keep up with Tunisia's annual 5% growth in power consumption.

Carbon intensity Carbon-free % Renewable % Tunisia TN Year Show all Granularity Show all Version date July 2, 2025

Main nodes and major lines of the electricity transmission network of Tunisia. Interconnection lines with neighboring countries included. The properties for nodes are "name" and "node type" (city, town, ...

Background Tunisia relies heavily on oil and natural gas for its domestic primary energy. Imports have increased due to a decrease in domestic production of oil and natural gas and an ...

Mounir El Ghabri, Director of Citizen Relations at the Tunisian Electricity and Gas Company (STEG), confirmed on Thursday, July 24, 2025, that the recent power outages were due to exceptional ...

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 ...

Download scientific diagram | Electricity Transmission Network of Tunisia Showing Major Load Centres from publication: Sustainable Transformation of Tunisia's Energy System | A clear understanding ...

Track real-time and historical electricity data worldwide -- see production mix, CO2 emissions, prices,

cross-border exports, and much more.

(TAP) - Tunisia recorded a 3rd record peak in electricity consumption on Thursday, due to intensive use of air conditioning, which led STEG to adopt periodic load shedding in some regions in ...

Tunisia suffered a sudden power cut lasting around three hours across the country on Wednesday due to a technical problem, the state-owned monopoly electricity and gas company Steg ...

The Government of Tunisia is taking steps to diversify its energy generation mix by bringing on hydropower and solar energy. As one of the most climate vulnerable Mediterranean countries, ...

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