

Tunisia s demand for household energy storage explodes





Overview

How much energy does Tunisia use?

In Tunisia, over 95% of electricity generation relies on gas, while all renewable sources—hydropower, solar, and wind—combined account for about 4% only (Figure 1). The national energy plan aims to increase this share to 35% by 2030, and at least 80% by 2050.

What challenges does Tunisia face?

This optimistic vision, however, confronts a complex reality. Tunisia faces chronic fiscal deficits, deteriorating governance and substantial energy subsidies, which have led to a growing public debt. At the same time, its growing energy demand continues to place additional pressure on the energy system.

Does Tunisia have a decarbonised economy?

A comparison of the 2030 and 2050 results clearly shows energy exchange between regions as Tunisia progresses towards a decarbonised economy, reliant on more variable generation and the consumption of electricity in lieu of fossil-fuelled energy (i.e., gas-fuelled end uses and gas-powered electricity generation).

Does Tunisia need electricity?

Tunisia relies on imported natural gas to meet the majority of its growing electricity needs, even though the country has a vast potential to generate renewable energy. Despite limited economic growth over the last decade, peak demand for electricity has continued to grow at a high rate, around 5% per year between 2010 and 2022.



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