

What is Tunisia's energy plan?

The national energy plan aims to increase this share to 35% by 2030, and at least 80% by 2050. In the medium term (by 2035), Tunisia targets to generate half of its electricity from clean energy sources, accounting for 18% of the country's primary energy mix. The plan facilitates a swift transition from fossil fuel dependency to clean energy.

Is Tunisia ready for a green future?

Overall, the AFI-ISS study shows that Tunisia is well-positioned to achieve the targeted 18% share of renewables in its primary energy mix by 2035 and to deliver at least 60% green energy by 2043 under a high-growth scenario. However, to meet domestic demand, it may still need to import around 60% of its energy by 2035 and nearly 80% by 2043.

How much capital does Tunisia need for energy transition?

Tunisia's energy transition plan demands significant capital mobilisation, with an estimated US\$18 billion required by 2035, which is expected to generate around 70 000 direct and indirect jobs in the energy sector.

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.

In 2023, gas and oil imports constituted more than half of Tunisia's trade deficit, representing over 7% of the country's Gross Domestic Product. This situation drains the country's ...

Tunisia Power Storage Project On 5 and 6 February, the MENALINKS programme officially launched its Battery Energy Storage Systems (BESS) workstream in Tunisia.

The project kicked off in October 2022 and concluded in June 2023. Dr. Eckehard Tröster and Rabea Sandherr travelled to Tunisia to present the results and findings of the project. The event was held on ...

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Deploying Battery Energy Storage Solutions in Tunisia Authors RES4Africa Foundation: Paolo Cutrone RINA: Ali Kanzari, Emna Ben Mahmoud, Ahlem Ben Abidallah, Francesco Mazzali, ...

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Carthage Power Company owns and operates a 471-MW combined cycle power plant. Tunisian utility STEG is planning to build a 400-600MW pumped hydro energy storage plant, for a 2029 ...

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