

Title: Tunisia's new power storage policy

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Why is Tunisia investing in a secure electricity network?

To ensure a resilient electricity network, Tunisia is investing in modern, secure infrastructure. The ELMED interconnection project, which will link Tunisia to Italy by 2028, will play a key role in stabilizing energy supply, while supporting the energy transition in Tunisia and Europe.

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.

How can Tunisia tackle the energy price gap?

This pricing gap makes energy subsidies a significant burden on the state budget. To address these challenges, Tunisia has set ambitious targets: Reducing carbon intensity by 45% by 2030 and increasing renewable energy's (RE) share to 35% of electricity production.

What is the energy access rate in Tunisia?

The figure visualises the distribution of the grid and the population density, but is not complete or up-to-date due to the reliance on historical data. The energy access rate of the local population in Tunisia is around 99.9%³⁶, although access to energy services does not necessarily mean that the supply is always available.

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Have its own back-up power supply system to maintain protection in the event of a loss of primary power to the fire suppression system and should self-diagnose and report the presence and ...

This project aims to improve the resilience of Tunisia's electricity system and transform it into a net exporter of electricity. This would significantly reduce the country's dependence on costly ...

As one of the most climate vulnerable Mediterranean countries, Tunisia's electrical system is expecting increased demand resulting from expanding peak-hour demand patterns, ...

Preliminary studies have confirmed the critical role of storage technologies in supporting Tunisia's ambitious renewable energy targets. The recent launch of the country's ...

Tunisia's energy storage power generation sector is transforming faster than a desert sunset. With solar irradiation levels hitting 5.3 kWh/m²/day and wind speeds reaching 9 m/s in coastal ...

The TEREK program is expected to support Tunisia in achieving its goals to mobilize US\$2.8 billion in private investment to add 2.8 gigawatts of new solar and wind ...

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