



# Tunisia Southern Power Grid Energy Storage

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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.

Does Tunisia have a power grid?

Tunisia's national grid is connected to those of Algeria and Libya which together helped supply about 12% of Tunisia's power consumption in the first half of 2023. Moreover, in August 2023, Tunisia's sub-sea connection project with Italy, called ELMED, was approved for \$337 million funding from the European Commission.

What are Tunisia's energy projects?

One third of the projects will be for wind farms and two thirds for solar photovoltaics. Tunisia's national grid is connected to those of Algeria and Libya which together helped supply about 12% of Tunisia's power consumption in the first half of 2023.

Will the GOT build a power plant in Tunisia in 2024?

In 2024, the GOT is also expected to launch a tender for the construction of at least one 470-550 MW combined-cycle power plant in Skhira (south Tunisia) as an IPP. In May 2018, the Ministry of Energy and Mines published a call for private projects to build renewable power plants with a total capacity of 1,000 MW (500 MW wind and 500 MW solar).

Tunisia's energy storage power generation sector is transforming faster than a desert sunset. With solar irradiation levels hitting 5.3 kWh/m<sup>2</sup>/day and wind speeds reaching 9 m/s in coastal ...

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.

Tunisia is also developing energy storage systems to balance the power grid and to improve the integration of renewable energy sources. STEG has been able to raise funds to finance its ...

Summary: Tunisia's energy sector is undergoing a strategic shift toward renewable integration, with advanced energy storage solutions becoming critical for grid stability.



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Tunisia is planning to embrace pumped storage, considered the most mature of the stationary energy storage technologies, but also the most expensive. A project has ...

solar PV and wind together accounting for nearly 70%. The integration of these variable energy sources into national energy grids will largely depend on storage technologies, and among ...

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