

Title: Tunisia energy storage exports

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Can Tunisia export green electricity?

Exploiting its renewable energy potential will also allow Tunisia to export green electricity, including green hydrogen, contributing to the GHG emission targets of the Maghreb and Europe.

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 is the energy sector in Tunisia?

The sector also offers opportunities for possible Build-Own-Operate (BOO) or Build-Operate-Transfer (BOT) projects. Much of Tunisia's electricity production comes from gas turbines. Major players in this sector include General Electric (USA), Mitsubishi (Japan), Ansaldo (Italy), and Siemens (Germany).

What percentage of Tunisia's electricity is renewable?

In 2022, only 3% of Tunisia's electricity is generated from renewables, including hydroelectric, solar, and wind energy. While STEG continues to resist private investment in the sector, Parliament's 2015 energy law encourages IPPs in renewable energy technologies.

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 them especially ...

Tunisia's lack of domestic oil and gas production can be turned into an opportunity if the country takes full advantage of its renewable energy resources and its strategic location ...

By 2030, Tunisia plans to develop second-generation clean energies (concentrated solar thermal power (CSP), pumped storage and turbines (STEP)) to boost hydrocarbon exploration and production by ...

In June 2022, the GOT announced an action program to promote green hydrogen production for the domestic and export markets as well as the creation of a legal framework to ...

With solar irradiation levels hitting 5.3 kWh/m<sup>2</sup>/day and wind speeds reaching 9 m/s in coastal areas,



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this North African nation could power half the Mediterranean - if it can store that energy effectively. Let's ...

This article explores the latest developments in Tunisia's battery storage projects, technological innovations, and how companies like EK SOLAR contribute to this dynamic market.

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In June 2023, the World Bank approved US\$268.4 million in financing for the Tunisia-Italy interconnector (ELMED) project that will link energy grids between Tunisia and European markets, ...

Total energy supply (TES) includes all the energy produced in or imported to a country, minus that which is exported or stored. It represents all the energy required to supply end users in the country.

Key players in the market include international energy storage providers, as well as local companies focusing on developing innovative storage solutions tailored to Tunisia's specific needs.

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