

# Tunisia exports energy storage generation





## Overview

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How much power does Tunisia produce?

Tunisia has a current power production capacity of 5,944 megawatts (MW) installed in 25 power plants, which produced 19,520 gigawatt hours in 2022. State power utility company STEG controls 92.1% of the country's installed power production capacity and produces 83.5% of the electricity.

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.

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.

Does Tunisia rely on gas?

Tunisia mostly relies on gas imports to meet its primary energy needs: almost 97% of its electricity generation came from gas in 2016. However, energy policy puts the emphasis on renewable energy. Electricity generation from wind power strongly increased



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### Tunisia

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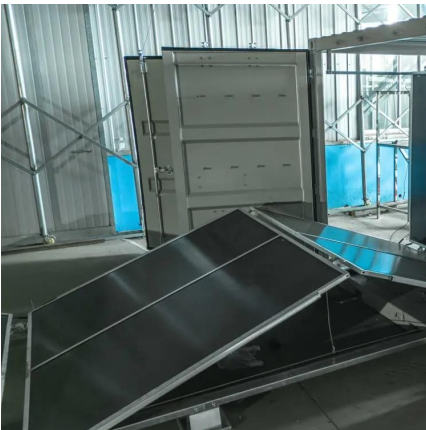
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TuNur is developing a series of renewable energy projects that will produce low-cost green electrons and molecules in Tunisia for export. Each export project consists of three components:

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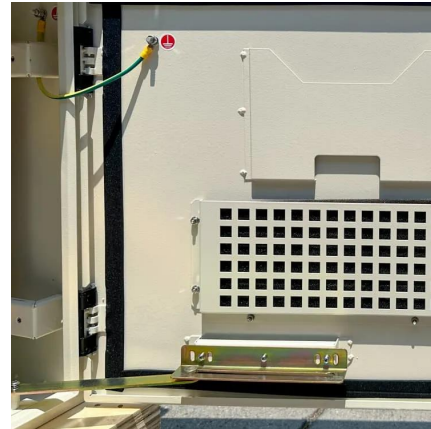
[Tunisia switches on largest solar project to date](#)

UAE-based Amea Power has completed a 120 MW solar project in Tunisia, the country's first above 100 MW.

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**Tunisia**



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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, ...

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Through June 2023, Tunisia had about 565 MW of installed renewable energy capacity of which 240 MW was wind power, 263 MW solar power, and 62 MW of hydroelectric ...

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