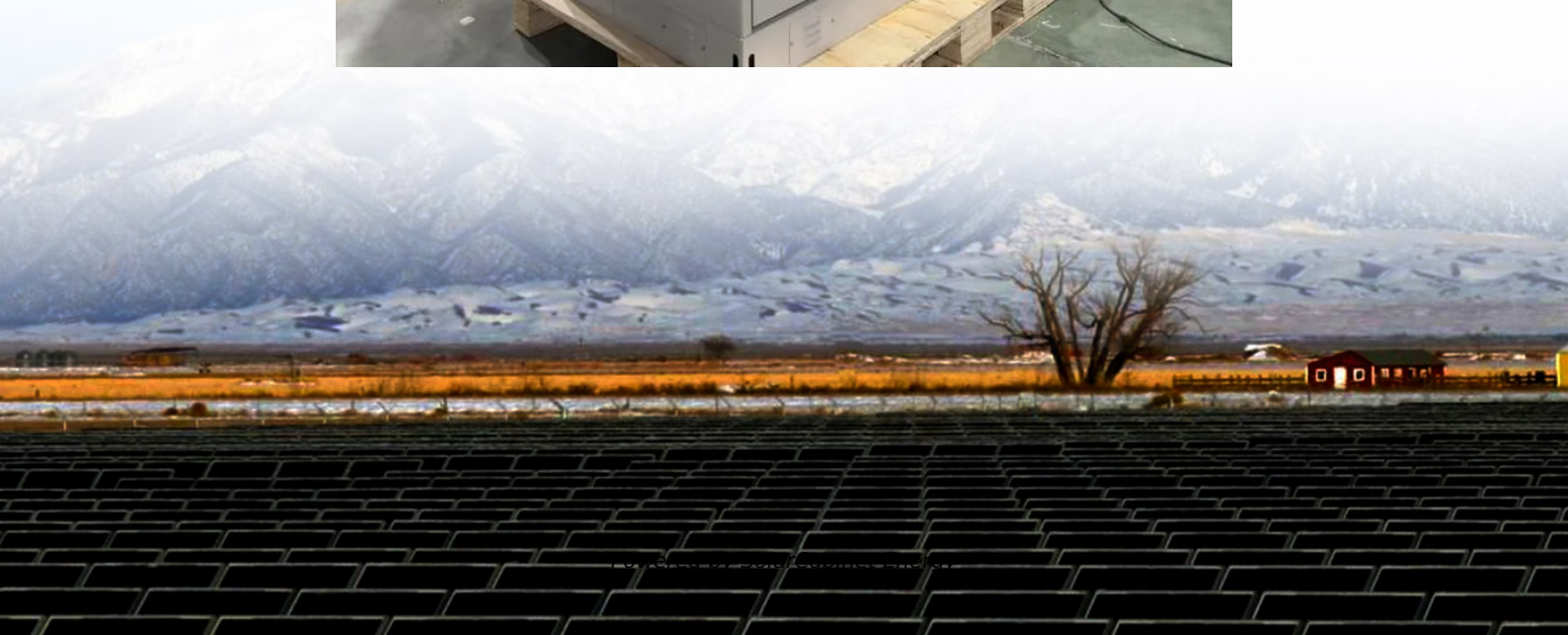


Tunisia s new energy storage ratio planning





Overview

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.

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.

How can Tunisia increase its energy access rate?

Tunisia must build up and expand its power generation system to increase the energy access rate to 100%. Building new power plants – no matter the technology – will require new infrastructure (including power grids), spatial planning, a stable policy framework, and access to finance.

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.

Can Tunisia build a reliable electricity supply?

We found that Tunisia can cost-effectively build a reliable electricity supply based on local power generation, with high proportions of solar and wind power. With an onshore wind potential greater than 30 times the projected 2050 demand and a solar potential greater than 100 times that demand, Tunisia has exceptional renewable energy potential.



What is Tunisia's future energy potential?

In terms of Tunisia's renewable electricity potential, the vast majority of future generation will be solar PV and onshore wind.



Tunisia s new energy storage ratio planning



[Deploying Battery Energy Storage Solutions in Tunisia](#)

ed their renewable energy potential, such as Tunisia. The objective of this report is to look into the potential of Battery Energy Storage System (BESS) development in Tunisia, in line with ...

[Tunisia: Energy Development Plan to Decarbonise the ...](#)

The Tunisia 1.5°C (T-1.5oC) scenario is designed to calculate the efforts and actions required to achieve the ambitious objective of a 100% renewable energy system and to illustrate the ...



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