

How Teri support Tunisia's energy sector?

The multi-year support to Tunisia's energy sector, particularly to increase renewable energy generation, has been financed by both the TERI Anchor Trust Fund and the Compact with Africa Trust Fund - an associated Trust Fund to the TERI Umbrella program.

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.

How much money does Tunisia invest in power & heat generation?

The T-1.5oC scenario requires an investment of 110 billion Tunisian dinar (trillion TND US\$36 billion) in power generation and 129 billion TND (US\$42 billion) in heat generation. The total investment in power and heat generation capacities therefore adds up to 239 billion trillion TND (US\$78 billion).

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.

Are solar and wind power plants a viable option in Tunisia?

Consequently, renewables achieved a global market share of over 80% of all newly built power plants in 2021⁷⁹. Tunisia has high-quality and substantial solar and wind resources, with either solar or wind potential alone able to cover projected electrical demand by 2050 many times over, based on GIS mapping results (projected demand in 2050:

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.



Domestic energy storage project financing options in Tunisia 2025



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