

Tunisia economic development battery cabinet project

Can Tunisia become energy independent?

Tunisia has the potential to become energy independent and to transform itself from an energy importer to an energy exporter. Renewable energy, often referred to as clean energy, comes from natural sources or processes that are constantly replenished such as sunlight and wind.

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.

What is the energy demand in Tunisia?

The main energy demand is required in the residential sector (category "Other Sectors"), whereas only 26% of the energy is for industry use and 33% for the transport sector. Tunisia's electricity demand has increased to a significant extent, by more than twice the growth in the final energy demand (46% compared with 20%).

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.

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).

What is the energy access rate in Tunisia?

The figure visualises the distribution of the grid and the population density, but is not complete or up-to-date due to the reliance on historical data. The energy access rate of the local population in Tunisia is around 99.9%³⁶, although access to energy services does not necessarily mean that the supply is always available.

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