

Tunisian wind solar and energy storage power generation system manufacturer

Who produces electricity in Tunisia?

State power utility company STEG controls 92.1% of the country's installed power production capacity and produces 83.5% of the electricity. The remainder is imported from Algeria and Libya as well as produced by Tunisia's only independent power producer (IPP) Carthage Power Company(CPC),a 471-MW combined-cycle power plant.

What are Tunisia's energy projects?

One third of the projects will be for wind farms and two thirds for solar photovoltaics. Tunisia's national grid is connected to those of Algeria and Libya which together helped supply about 12% of Tunisia's power consumption in the first half of 2023.

Why is wind power important in Tunisia?

Wind power (WP) has the potential to impact the achievement of renewable energy targets due to the country's favorable geographic location. Furthermore,Tunisia has the potential to implement viable wind energy projects that satisfy fundamental economical profitability (Georgiou et al.,2008).

What is wind energy research in Tunisia?

Wind energy research in Tunisia has focused on two main areas: First,the onshore wind potential assessmentand second,the onshore utility-scale wind farms operation and power contribution to the mix. 6.1.1. Wind potential assessment High wind energy potential are found in the northern part of Tunisia,but also in the central and southern regions.

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