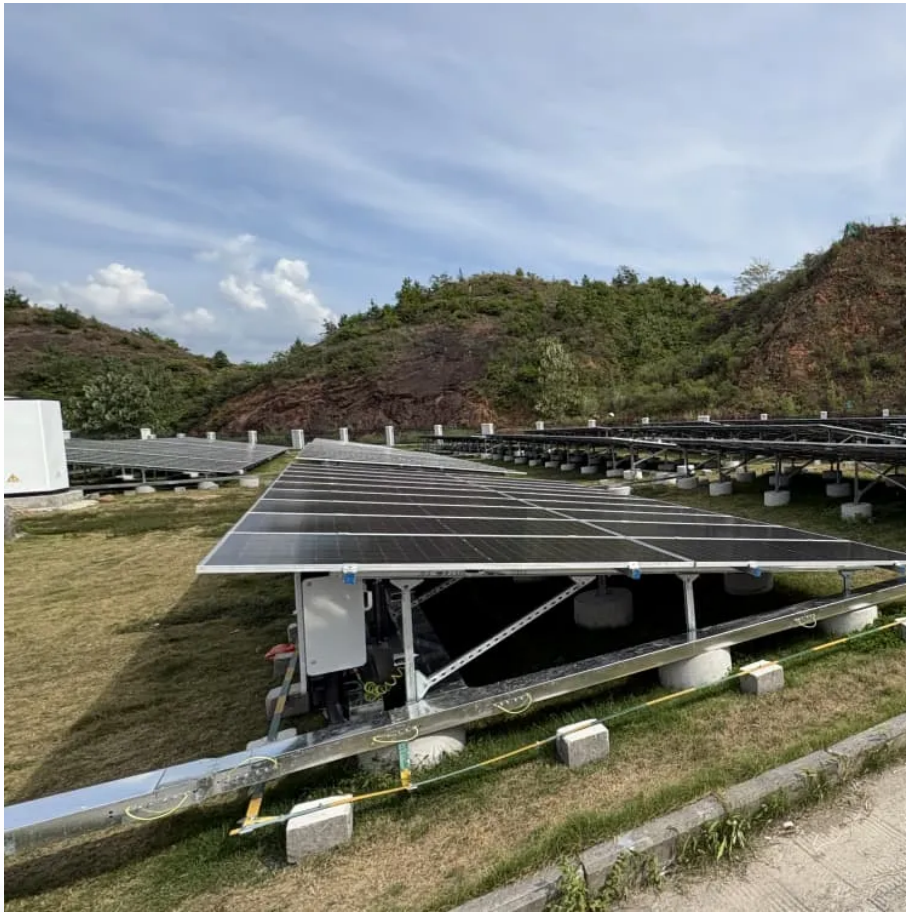


Tunisia Wind Power Energy Storage Project





Overview

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).

Can offshore wind power be used in Tunisia?

Offshore wind power has the potential to play a key role in achieving the future renewable energy targets due to the country favorable geographic location and coastline. However, there are currently no offshore wind farm projects nor experiences in Tunisia.

Is there a wind resource in the Gulf of Tunis?

Modeling and investigation of the wind resource in the Gulf of Tunis, Tunisia. In: International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics. *Renew. Sustain. Energy Rev.*, 59 (2016), pp. 1639 - 1652, 10.1016/j.rser.2016.01.076 Launches first 10 MW wind turbine in history - Energy News. Institute of energy of South East Europe.

Is Tunisia a viable wind energy source?

Furthermore, Tunisia has the potential to implement viable wind energy projects that satisfy fundamental economical profitability (Georgiou et al., 2008). Moreover, the Tunisian authorities committed to expediting the development of wind energy sources since 2000 by finding instruments to encourage this expansion.



Tunisia Wind Power Energy Storage Project



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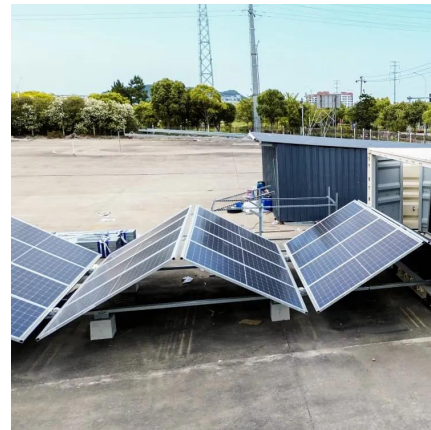
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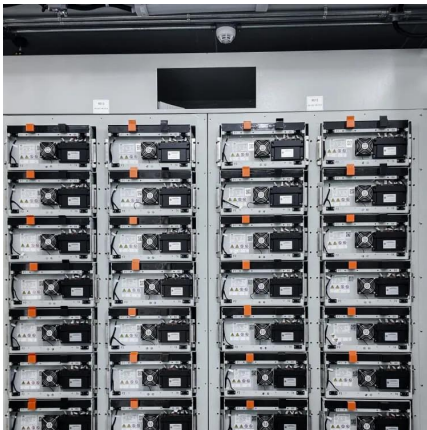
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List of Figures Figure 1: Performance map comparing Li-ion chemistries Figure 2: Components of a BESS Figure 3: Energy Storage Installations Predictions (GW installed) ...

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[Conclusion of Tunisian BESS project](#)

The project kicked off in October 2022 and concluded in June 2023. Dr. Eckehard Tröster and Rabea Sandherr travelled to Tunisia to present the results and findings of the project. The ...

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