

Namibia wind power solar power and energy storage settled





Overview

Should Namibia invest in wind and solar?

Private investment in wind and solar could help Namibia to move away from dependence on unreliable hydropower and expensive imports. Indeed, our analysis suggests this is the cheapest and best technological pathway for Namibia and should thus be prioritized by energy planners.

Can solar and wind be rolled out quickly in Namibia?

We find that solar and wind can be rolled out rapidly because Namibia enjoys large areas that are both high in renewable resource potential (i.e. solar radiation and wind speed) and low in social and environmental risk.¹ Importantly, this lower risk and higher reward profile should also attract substantial private investment.

How can Namibia meet its energy demand?

Namibia is at a crucial point in the development of its energy system – the country must soon make critical decisions to meet its growing energy demand. In particular, it must decide whether to prioritize the development of large-scale hydropower, namely the Baynes dam, or to develop abundant solar and wind resources.

What is Namibia's energy sector?

Namibia's energy sector is primarily governed by the Ministry of Mines and Energy, which collaborates with NamPower, the state-owned utility, and the Electricity Control Board (ECB). Key developments in Namibia's renewable energy landscape include: Solar power dominates Namibia's renewable energy projects.



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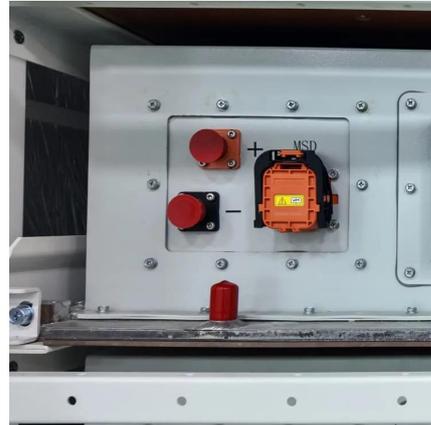


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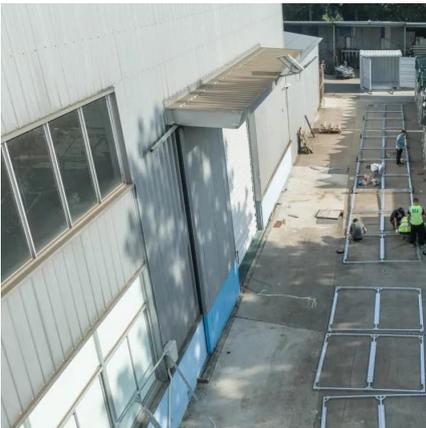
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