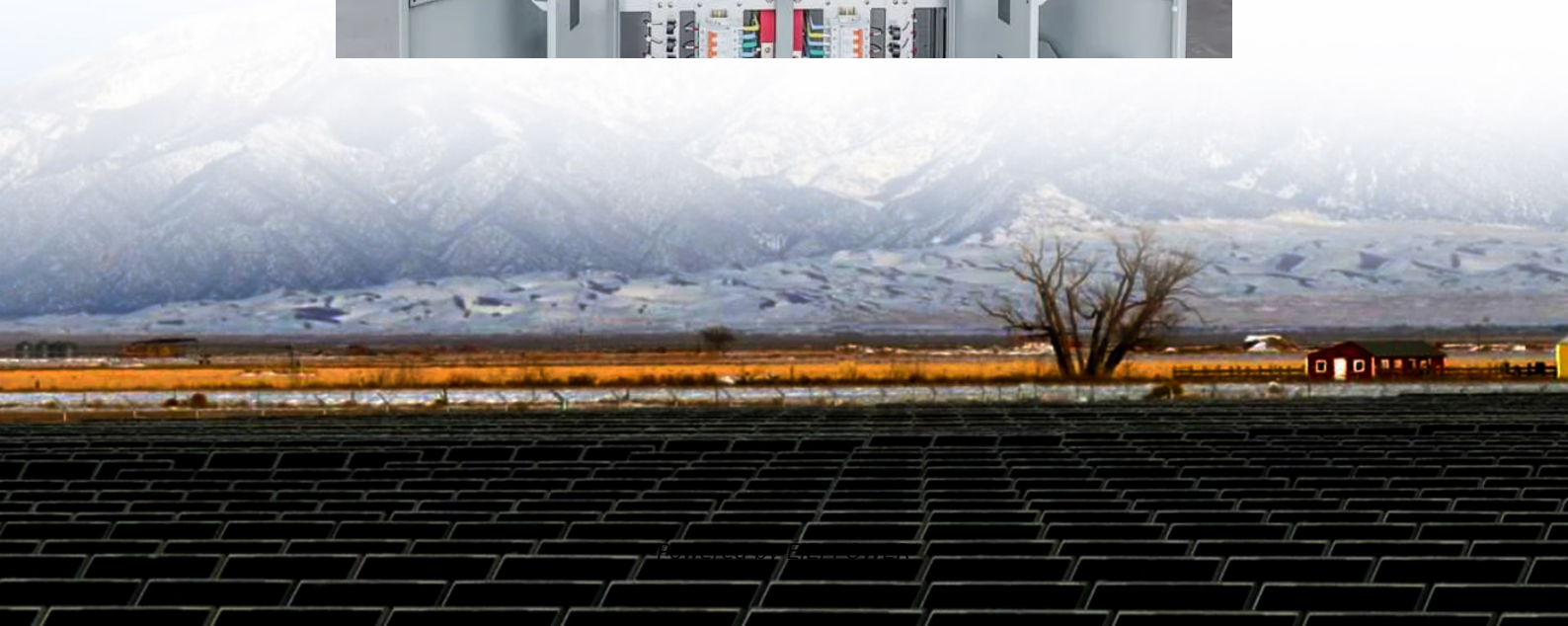


Burkina Faso Northwest solar Wind Power Storage





Overview

The Government of Burkina Faso has signed a Public-Private Partnership (PPP) agreement with a local developer and a Dutch clean energy investment firm to develop a major solar and battery storage system. Is Burkina Faso suitable for solar power projects?

This suitability assessment was carried out at the request of the Government of Burkina Faso to map potential areas for utility-scale solar photovoltaic (PV) and wind projects. Currently, less than 25% of the population has access to electricity and the majority of those with access live in urban areas.

Can Burkina Faso achieve 95% electricity access?

The country aims to reach 95% electricity access, with 50% in rural areas and universal access to clean cooking solutions in urban areas, with 65% in rural areas by 2030, up from 9% in 2020. The utilisation of Burkina Faso's renewable resource potential would enable the country to reduce its heavy reliance on thermal generation and energy imports.

How will Burkina Faso improve electricity trade with neighbouring countries?

Additionally, the results from this report are intended to inform the design and development of the country's regional projects as Burkina Faso is planning to enhance electricity trade with neighbouring countries through regional interconnectors with Benin, Niger, Nigeria and Togo.

Which land area is suitable for solar PV & wind project development?

The results obtained indicate that 27.4% and 0.5% of the total country land area is suitable for solar PV and wind project development, respectively (i.e. suitability index exceeding 60%). These areas are largely located along the transmission network.



Burkina Faso Northwest solar Wind Power Storage



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Burkina Faso

The program will focus on enabling innovation and technology transfers in decentralized renewable energy distribution and storage solutions. The ...



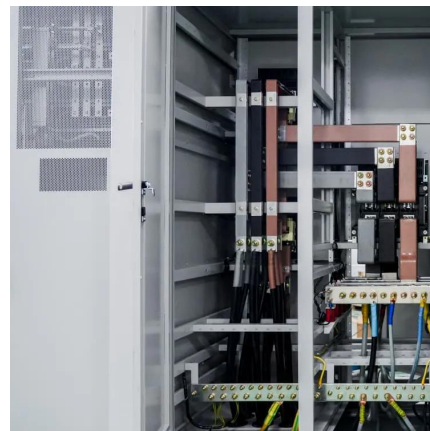
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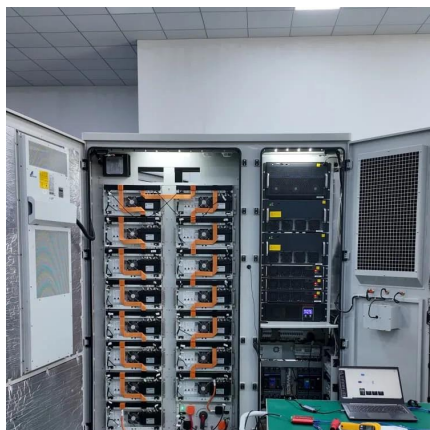
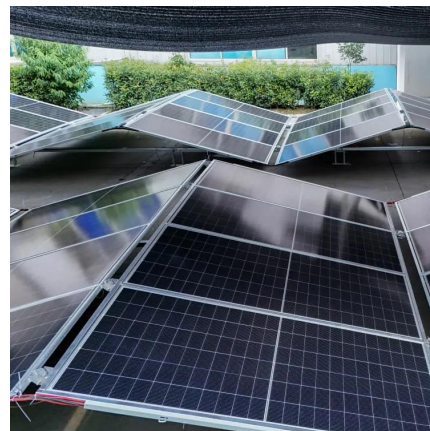


[Gutami Holding signs up to major Burkina Faso solar project](#)

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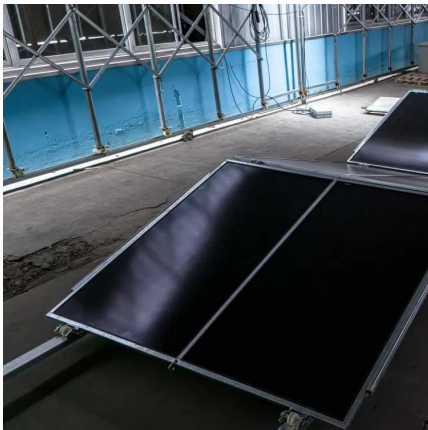
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The findings of this study indicate that there is significant potential for utility-scale solar PV and wind power development in Burkina Faso. The maximum development potential across the ...

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