

# North Africa s power grid needs energy storage





## Overview

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Is the central energy grid economically viable in Africa?

For one, many Africans live in remote, thinly populated areas where the expansion of the central energy grid is not economically viable. "Supplying rural areas via central power stations with highly branched energy grids does not seem effective," says Daniel Busche, leader of the energy access programme of the German development authority GIZ.

Where does North Africa Invest in renewables?

So far, most of the investments are concentrated in Morocco and Egypt. Contrary to the global trend in the period of 2013-2020 which shows private sector financing as the primary source of funding for renewables development, North Africa sees public finance play a far more important role.

Should North Africa Invest in green hydrogen?

With high renewables potential that can be tapped at low costs, and geographical proximity to Europe where demand for renewables-based or green hydrogen is rising, many North African countries have entered into agreements with other countries and private companies to explore pilot projects for green hydrogen production and exportation.

Why is North Africa a good place to work?

With its sizable and educated workforce, North Africa has an opportunity to benefit from the job creation potential, driven by appropriate labour market and education policies including technical and vocational training programmes.



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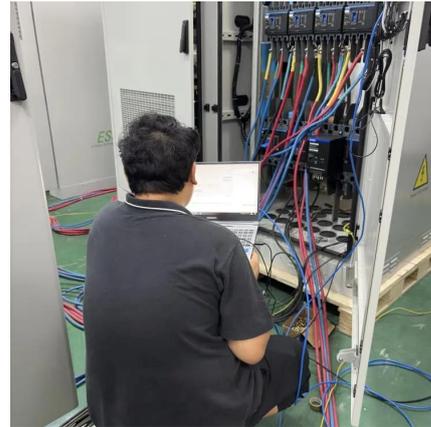
Africa's energy security likewise needs to increase its electricity generation and its storage capacity. Traditional grid-based energy distribution will not achieve universal electricity ...

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capacity, as well as a fifth of its grid ...



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