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West Africa New Energy Storage Policy





Overview

What are West Africans doing to improve their power systems?

West Africans are now moving in many directions to enhance their power systems. This report offers an overview of the challenges and the great profusion of activity across the region. It should inform conversation at Nigeria Energy in Lagos (19-21 September) and at the Africa Energy Expo in Rwanda next year.

What is the West Africa Energy Program?

The West Africa Energy Program run by US AID's Power Africa division includes support for five solar projects which will provide about 150MW of electricity, including the Kodeni and Nagréongo solar plants in Burkina Faso and a 250MW solar / hydropower hybrid plant in Ghana.

What is the main source of power in West Africa?

Hydroelectric power is the dominant source of power in the region and is the focus of most of the large schemes underway, although there are also plans to develop more gas-fired plants and some initiatives to develop coal-fired capacity. West African countries have now begun to develop utility-scale solar power.

How much power is lost in Africa in 2021?

According to the EIA, total distribution losses across the region amounted to around 14% of the power generated in the region in 2021. The countries with the worst records include import-dependent Benin (where losses amounted to 150% of the power generated), followed by Niger (73%), Sierra Leone (37%) and Togo (32%).



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The theme of "Breaking Barriers in the New Energy Era" aims to address the key obstacles hindering the clean energy transition in West Africa by focusing on two primary areas: policy ...



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