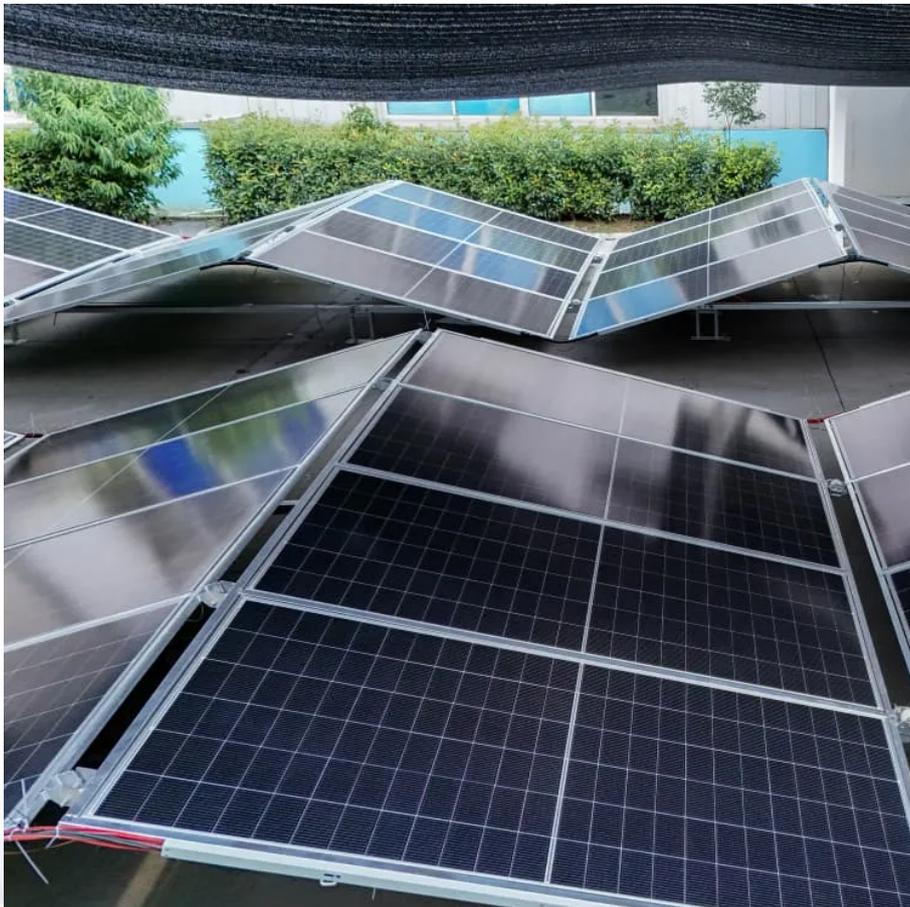


Major hydropower energy storage project in Douala Cameroon





Overview

What is the hydropower potential of Cameroon?

Cameroon has an immense hydropower potential of about 115,000 GWh/year, of which only about 4% has been developed so far. The total electricity consumption in 2015 was about 6,500 GWh, increasing by estimated 6.5% per year. The development of hydropower plants is crucial to meet this growing energy demand.

Can Cameroon achieve Central Africa Power Pool?

The pivotal role of Cameroon in achieving Central Africa Power Pool's objective is highlighted. Many large hydropower and storage plants in Cameroon might feed the Inga-Calabar power highway. Small-hydropower and pumped-storage are showing good prospects for electrifying many remote areas in Cameroon.

How slow is the development of hydroelectric production in Cameroon?

This study highlighted through Fig. 9 a relative slowness in the development of hydroelectric production in Cameroon since 1945. Even with the commissioning of the 420 MW Nachtigal power plant currently under construction, the level of installed capacity in Cameroon will hardly reach 5 %.

Will Nachtigal Dam power Cameroon?

Douala, Cameroon Faces Power Challenges as Nachtigal Dam Nears Full Capacity. The Nachtigal hydroelectric dam, with a production capacity of 420 MW, is set to supply energy to Cameroon 's power grid. However, transmitting this electricity efficiently to Douala requires significant upgrades to the country's existing infrastructure.



Major hydropower energy storage project in Douala Cameroon

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