

What is Cameroon s household energy storage policy





Overview

Can renewables solve energy problems in Cameroon?

Electricity needs are expected to continue rising over the next decade to reach 5000 MW by 2020 and 6000 MW by 2030. This paper seeks to address energy issues (reliability, accessibility and security) in Cameroon and brings to light the potential and meaningful contributions of renewables in solving energy concern.

Why should Cameroon invest in renewables?

From the environmental point of view, renewables in Cameroon will contribute to country carbon dioxide emissions mitigation. It will also reduce the country dependence on fossils products for transportation and power generation and ensure better energy security and access. Renewables will help the country to diversify and expand its economy.

How to attract private investors in Cameroon?

In order to attract private investors into the energy and renewable energy sectors in Cameroon, special mechanisms have been introduced: equipment manufacturers benefit from import tax reduction and special fiscal measures and the Rural Energy Fund subsidises investments (70%) and studies (80%) in rural energy projects.

Who regulates electricity in Cameroon?

The Rural Electrification Agency (AER) is responsible for promoting and implementing rural electrification programs in Cameroon. It also manages the Rural Energy Fund (FER). The Electricity Sector Regulatory Agency (ARSEL) is responsible for regulating the electricity sector as well as setting electricity rates and determining electrical standards.

Are off-grid renewables a viable alternative to grid electrification in Cameroon?



Although off-grid renewables are intermittent with very high initial capital cost, these systems are capable of counteracting the associated problems with grid electrifications especially in Cameroon and rapidly improving the country energy access especially in rural areas where energy access is very low.

How can Cameroon improve the energy sector?

To improve this situation, the Cameroonian authorities proposed a 2035 Strategy Development Plan for the Energy sector (Plan de Développement à long terme du Secteur de l'Électricité Horizon 2030, PDSE) (MINEE 2006).



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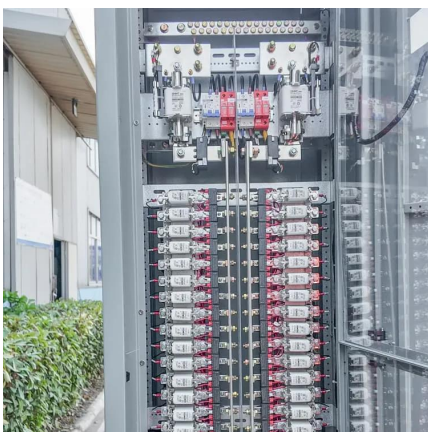
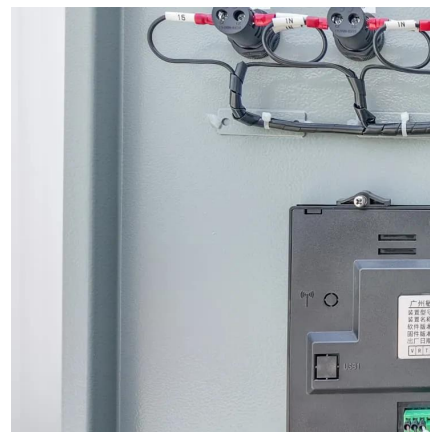


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