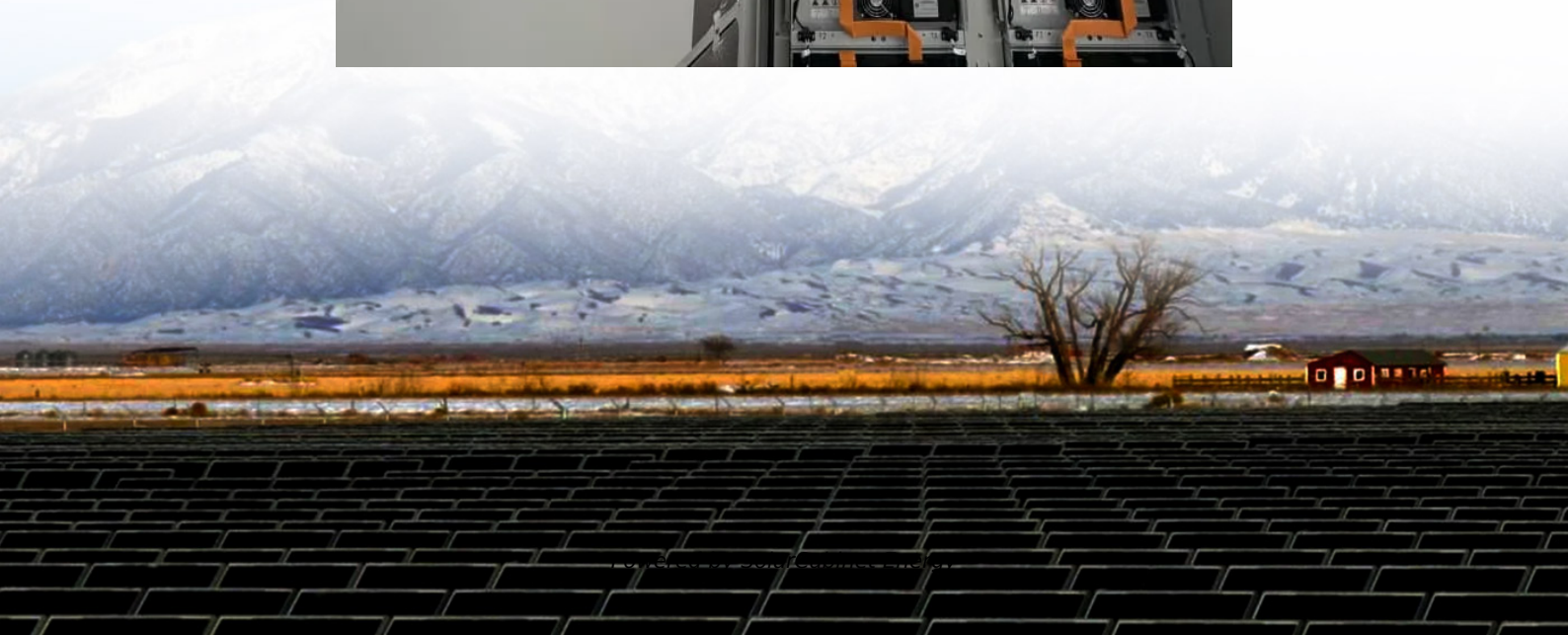


Cameroon energy storage photovoltaic costs





Overview

In this paper we aim to analyze the status of investment and financing of photovoltaic power generation in Cameroon, find out the challenges it faces, and put forward solutions. Through in-depth analyse.

Why is photovoltaic power generation important in Cameroon?

Photovoltaic power generation has become an important pillar of the energy development strategies of all countries. Cameroon is committed to attaining 25% of energy production from renewable energy sources, with solar energy contributing up to 6% of total energy production in the country by 2035 (Power Africa, 2019).

Where is solar energy stored in Cameroon?

Cameroon is located in the center of the Central African tropics. It is an ideal place to capture and store solar radiation. About 10 trillion kWh of solar energy reaches the surface of Cameroon every year (Hermann et al., 2014). If 0.02% of this is converted into electric energy, it can make up the power supply gap.

What is the financing structure for solar power generation in Cameroon?

The financing structure is sharply unbalanced The financing of solar PV power generation in Cameroon comes mostly from public-private partnerships (PPP) and accounts for more than 97.89% of total investment in the sector.

Is Cameroon a good place to invest in solar power plants?

The good levels of solar irradiation in some parts of the country are favorable for the development of solar PV power plants. Cameroon has as principal objective the attainment of an annual GDP of 6.1% by 2035 as stated in the Growth and Employment Strategy Paper (GESP) (Power Africa, 2019).

Does Cameroon have a solar power station?

The government, through the national utility Energy of Cameroon (ENEO) and the Electricity Development Corporation (EDC), is equally involved in the



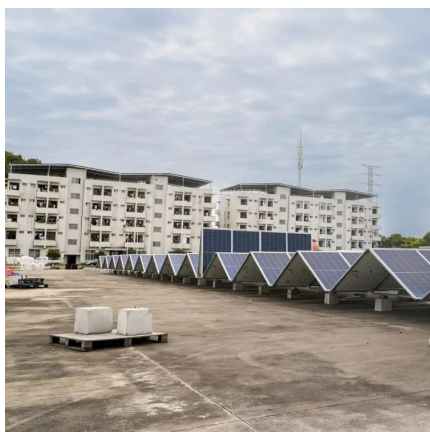
development of solar PV power stations, which supplies additional electricity to localities that are not connected to the national grid network (MINEE, 2014).

Is PV power generation feasible in Cameroon?

Altogether, these three variables give an efficient judgement of the feasibility for developing photovoltaic power generation. 4.2. Statistical results and analysis Based on the above methods and models we can further analyze the necessity and feasibility of financing PV power generation in Cameroon.



Cameroon energy storage photovoltaic costs



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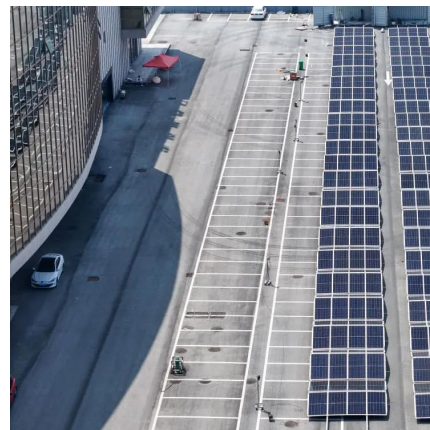
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