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The prospects of Libya s solar container battery field

Overview

The solar photovoltaic (PV) is one way of utilising incident solar radiation to produce electricity without carbon dioxide (CO2) emission. It's important here to give a general overview of the present situation o.

Could Libya be a solar energy exporter?

The desert technology (DESRT-TEC) is one of the largest projects; there was proposed that Libya would be one of the exporters of solar power generated from solar energy to Europe (Griffiths, 2013). The aims of that project to provide Europe Union countries with energy generated from the sun in North Africa and the Middle East countries.

Why is solar energy important in Libya?

Due to Libya's geographic location on the cancer orbit line with exposure to the sun's rays during the year and with long hours throughout the day, solar energy may be considered to be one of the main resources (Bannani et al., 2006).

Are solar PV systems a good investment in Libya?

In Libya, the solar photovoltaic (PV) systems are encouraging for the future, due to incident solar radiation is greater than the minimum required rate across the country (Hewedy et al., 2017). Based on that from a techno-economics point-view, there is a need to develop substantial energy resource solutions.

What are the energy challenges faced by the Libyan state?

This paper aimed to highlight the energy challenges that faced the Libyan state, and the possibility to diagnose and suggest a strategy to develop and finding solutions. The residential building loads represent the largest energy consumption in the country, which presents approximately 36%.

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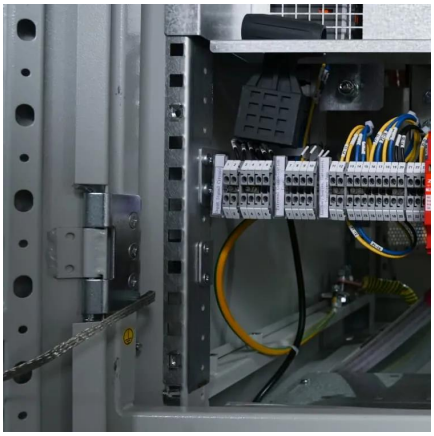

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