

## **SolarInnovate Energy Solutions**

# **Sudan energy storage power supply should be selected**



## Overview

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Where can I find information about energy in Sudan?

Find relevant data on energy production, total primary energy supply, electricity consumption and CO2 emissions for Sudan on the IEA homepage. Find relevant information for Sudan on energy access (access to electricity, access to clean cooking, renewable energy and energy efficiency) on the Tracking SDG7 homepage.

How is energy used in Sudan?

Total energy supply (TES) includes all the energy produced in or imported to a country, minus that which is exported or stored. It represents all the energy required to supply end users in the country.

How much does electricity cost in Sudan?

As for Ethiopia, Sudan imports electricity at a price of 4.5 cents/kilowatt . In August 2021, the Minister of Energy and Petroleum declared that the Sudanese energy sector needed urgent maintenance and restructuring at a cost of \$3 billion, another indicator of the dire financial needs of the sector .

Can Sudan maximize its energy resources?

The analysis reveals promising indicators of Sudan's ability to maximize its solar, wind, and geothermal energy resources. It also presents conclusions and recommendations concerning the future of RE policies and production in Sudan.

How can Sudan achieve energy self-sufficiency?

Encouraging solar and wind power in the country's energy portfolio could help Sudan achieve its goal of energy self-sufficiency. Egyptian policies such as nurturing and promoting renewable technologies and scientific research, feed-in tariffs, and tax exemptions could help Sudan achieve its objectives.

## Is Sudan's Energy Sector Sustainable?

Further, Sudan's energy sector is currently subsidised by the government. Government subsidies to the sector totalled \$667 million in 2019. This represents 13.5% of total government expenditures . Financial sustainability could be achieved by introducing gradual tariff adjustments.

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