

SolarInnovate Energy Solutions

Chad Energy Storage Power Sales



Overview

What energy resources does Chad have?

The majority of its existing capacity comes from diesel, natural gas and heavy fuel oil generation. Chad is living an energy crisis that undermines its development possibilities with extremely limited electricity access (8%). The country is however rich of energy resources, including fossil fuels with strongest solar and wind energy potential.

How much electricity does Chad have?

In Chad, only 4% of the population has access to electricity. This goes hand-in-hand with low rates of access to basic services such as drinking water, basic sanitation and paved roads. Meanwhile, crude oil has become the country's primary source of export.

Why is Chad a good place to invest in solar power?

Chad's location in the Sahel, which features brilliant sunshine especially during the dry season, and lack of alternate fuel sources such as coal make solar power an attractive export and investment sector. Chad currently generates electricity by consuming oil.

Why is Chad a good place to live?

Oil production has increased by 14%/year since 2018. Fuel prices and power tariffs are set by the government. Chad has one of the lowest energy consumptions per capita in the world. Biomass accounts for 82% of total energy consumption. A power interconnection is planned between Chad and Cameroon.

How much does gasoline cost in Chad?

The prices of motor fuels are set by the government and tend to follow international oil prices. In 2021, gasoline and diesel prices stood at US\$0.95/l and US\$1.01/l, respectively. At purchasing power parities, gasoline prices in

Chad are 20% lower than in Cameroon (2020).

Does Chad framework allow private investment in energy production?

Chad framework has allowed private investment in energy production since only in recent years and as of 2018 Currently only one solar IPP (Djermaya – 28MW) is active and expected to reduce power supply failures and global price fluctuation. This project is also part of the Desert To Power Initiative.

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