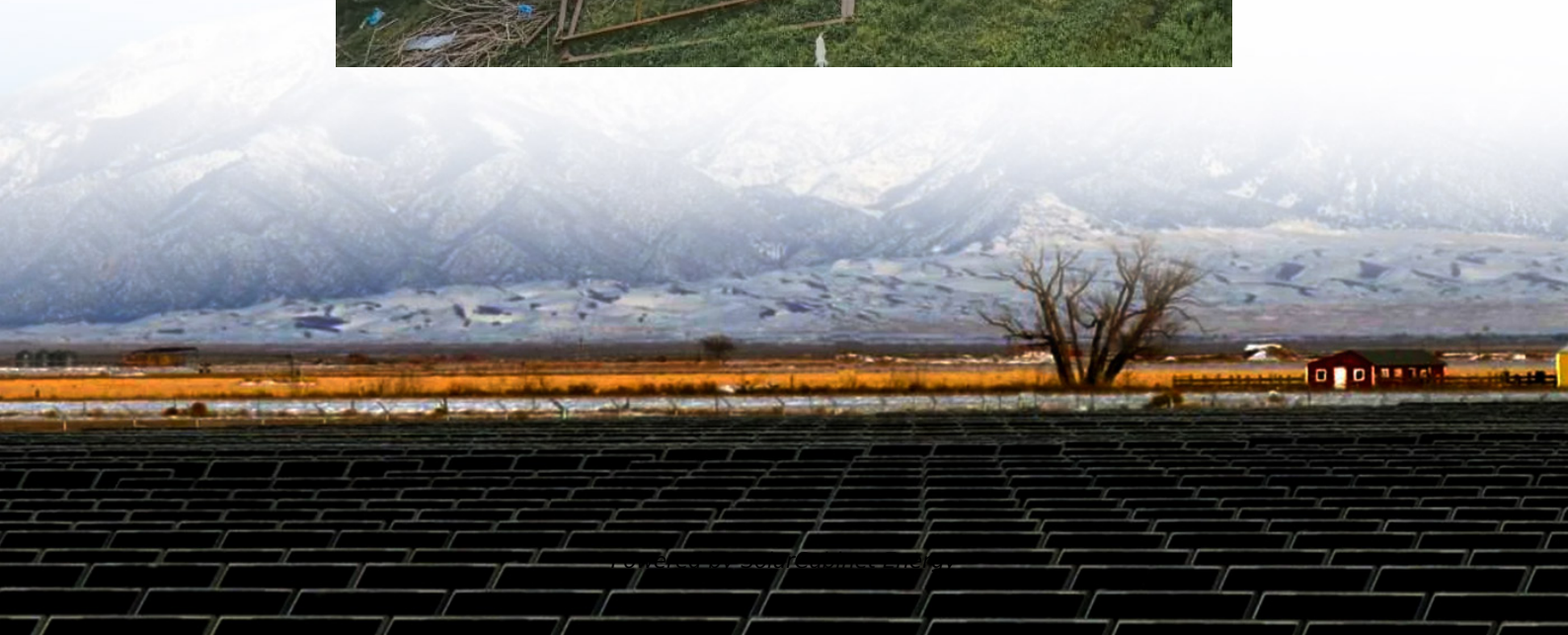


Chad containerized power generation





Overview

How much energy does Chad use per year?

The total energy consumption in Chad is of 200.00 million kWh of electric energy per year. Per capita, this is an average of 13 kWh. Chad can provide for itself completely with self-produced energy. The total production of all electric energy producing facilities is 215 m kWh, also 108% of own requirements.

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.

Is Chad a global outlier?

Chad is a global outlier in terms of energy services, with among the lowest access rates in the world, limited power supply, and very high costs for those households that rely on liquid fuels for energy services.

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.

How does Chad generate electricity?

Chad currently generates electricity by consuming oil. With the declining cost of new solar generation plants, the Government of Chad and development partners have prioritized solar power throughout the country. Machinery and parts for electricity transmission and distribution are also in demand.



Opportunities.

What is the Chad Power Sector?

The Chad power sector institutional, legal and regulatory framework is being developed. The Ministry of Energy (MoE) oversees the energy sector, including planning, policy formulation and implementation, and sector monitoring and evaluation.



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