

## ContainerPower Energy Solutions

# What are the energy storage power stations in Chad



## Overview

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You've probably heard about Africa's energy challenges, but did you know Chad's electricity access rate stands at a staggering 6.4% nationwide?

With only 125 MW of installed capacity - mostly from diesel generators - this landlocked nation represents both the urgency and potential of energy storage.

British independent power producer (IPP) Savannah Energy<sup>2</sup> has received approval from the Chadian authorities to build three renewable energy plants with a combined capacity of 500 MW. The plants will supply power to three towns,<sup>3</sup> as well as to oil facilities. It is expected generate its first.

Supported by RelyEZ Energy Storage, the Chad solar energy storage project features a 2MW photovoltaic power generation system, a 500kW diesel generator, and a 6.4MWh lithium battery storage system to create an off-grid power supply system. This project is expected to reduce power costs by about.

According to data from the International Renewable Energy Agency (IRENA), as of the end of 2019, Chad's installed solar capacity was 1 MW. The United States Agency for International Development estimates that the total power generation of this landlocked country is only 125 MW, most of which is.

The African Development Bank Group's (AfDB) Board of Directors approved €28 million (\$29,060,08) in funding for solar power plants in Gassi and Lamadji, Chad. This is part of the Bank's Desert to Power initiative to improve electricity access throughout Africa. According to AfDB, the funding.

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