

## A-Core Container

# Chad hybrid energy storage power plant



## Overview

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Paris, 20 May, 2025 – Independent renewable energy company Qair, announces the start of the construction of two hybrid solar power plants with battery storage in the neighborhoods of Gassi-Bagoum and Lamadji-Achawail, N'Djamena, Chad. This initiative marks a pivotal step in Qair's mission to.

Qair begins constructing two 15 MWp hybrid solar plants with battery storage in N'Djamena, which will supply power to 260,000 people. The project was developed under a 20-year BOOT deal, with a transfer to the Chadian government planned at the end of the term. Chad aims to cut diesel reliance, as.

The authorities in Chad have launched a tender for solar-diesel hybrid projects with battery storage, featuring a combined 4 MW of solar capacity and 2 MWh of daily storage. Image: Jose G. Ortega Castro, Unsplash Chad has launched a tender for the construction of three PV diesel-hybrid power plants.

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.

- Qair has begun constructing two 15 MWp solar plants in N'Djamena with 30 MWp of total storage.
- The facilities will generate 65 GWh annually, serving around 260,000 people.
- Developed under a 20-year BOOT model, the plants

will be transferred to Chad post-contract. French renewable energy.

Abu Dhabi-based Global South Utilities (GSU) announced today the inauguration of the Noor Chad 50 MW Solar PV Plant in N'Djamena, which will provide clean electricity to about 274,000 homes across the country. Noor Chad is the first solar PV project of this scale in Chad. Executed in record time.

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