

Chad makes outdoor solar power hub factory



Overview

Abu Dhabi-based developer Global South Utilities (GSU) inaugurated the 50 MW Noor Chad solar plant in N'Djamena, the country's capital, earlier this week. The site features more than 81,000 solar panels and 158 inverters and also encompasses a 5 MWh battery energy storage system. For many international investors, Chad is known primarily for its oil reserves. Yet its most abundant and democratic resource—the sun—remains largely untapped. With a national electricity access rate of just 11%—dropping to a mere 1% in rural areas—over 15 million people live without reliable power. The Board of Directors of the African Development Bank Group (www.afdb.org) has approved funding worth EUR 28 million to build solar power plants in Gassi and Lamadji, Chad. The funding includes EUR 20 million for the Gassi plant. The project is equipped with 1,000 high-efficiency solar panels and four 200 KWH energy storage units, forming a stable and reliable power supply system for the village. Currently, ZIZ Energie owns and operates five diesel powered minigrids in Chad, which it plans to convert to solar-plus-storage hybrid systems starting in 2025. Updated September 30, 2025- The Djermaya Solar project is a groundbreaking initiative in Chad that is planned to deliver a total capacity of up to 60 MW of clean electricity into the national grid. The project is located approximately 30 km north of the capital, N'Djamena.



Article Content

GSU inaugurates 50 MW Noor Chad solar PV plant in N'Djamena

The Noor Chad PV plant, Chad's first utility-scale PV facility featuring 81,000 modules, 158 inverters, and a 5 MWh battery, was inaugurated by Global South Utilities.

CHAD Communities

CHAD operates on a "scattered site" basis and has acquired properties in the following communities throughout DuPage, Kane and portions of Will & Cook counties in northeast Illinois:

Solar power brings new life to Chad

In Bitkine, situated in the Guéra province of central Chad, the health center at the city's northern exit has experienced notable changes following the installation of a standalone solar system.

Chad country profile

Provides an overview of Chad, including key dates and facts about this African country.

Solar Module Manufacturing in Chad: An Investor's Guide

This analysis outlines the compelling business case for establishing a solar module manufacturing facility in Chad, focusing on demand from two critical, underserved sectors: agriculture ...

All to know about D'jermaya solar power plant project in Chad

It stands as Chad's first utility-scale solar power plant, its first Independent Power Producer (IPP) under a Public-Private Partnership (PPP) model, and a flagship project of the African ...

Chad starts first utility-scale solar plant with 50 MW and storage

Abu Dhabi-based Global South Utilities has commissioned Chad's first utility-scale solar plant, a 50 MW facility in N'Djamena with 5 MWh of storage to supply 274,000 homes.

Chad | Culture, Facts & Travel |

Chad is a developing country in north-central Africa with one of the lowest per capita incomes in the world and has historically faced challenges in the areas of political stability and ...

Scatec builds Chad's first solar plant with storage

Release by Scatec, a subsidiary of the Norwegian renewables company Scatec ASA, has completed construction of a 36 MW solar PV plant integrated with a 20 MWh battery energy ...

800 KWH Village Solar Power Project in Chad

Today, the 800 KWH Village Solar Power Project in Chad, undertaken by our company, has successfully passed government inspection and officially commenced operation.

Chad Solar Energy PREC Project | Projects | 3Degrees

Currently, ZIZ Energie owns and operates five diesel powered minigrids in Chad, which it plans to convert to solar-plus-storage hybrid systems starting in the city of Mongo, the 70,000 ...

Chad: New EUR 28 million African Development Bank-funded solar ...

The Board of Directors of the African Development Bank Group () has approved funding worth EUR 28 million to build solar power plants in Gassi and Lamadji, Chad. This ...

Chad | Capital, Population, Language, Religion, Flag, & Map ...

Chad is a landlocked country in north-central Africa. The terrain is that of a shallow basin that rises gradually from the Lake Chad area in the west and is rimmed by mountains to ...

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