

Will a solar power plant save money in Chad?

The solar photovoltaic plant at Djermaya, 30km north of N'Djamena, the capital, "will be the first utility-scale renewable energy project and will be the first privately owned, financed and managed power plant in Chad. It will generate significant savings for the country," Pacquement explains.

Does Chad have a solar plant?

In Chad only 1 in 20 people have electricity. But the Central African country has lots of sun. A UK company is developing the first solar plant in one of the world's poorest places. Robert Pacquement and the Djermaya Solar development team do not shy away from a challenge.

Can a UK company develop a solar plant in Chad?

A UK company is developing the first solar plant in one of the world's poorest places. Robert Pacquement and the Djermaya Solar development team do not shy away from a challenge. His Djermaya Solar development team has worked with Chad's government for the past three years to support an ambitious solar project. It is vital work.

How did Power Africa help Djermaya solar project in Chad?

In Chad, Power Africa transaction advisory and technical assistance helped secure a \$20.6 million (EUR18 million) loan to bring the 42 MW Djermaya Solar project to financial close.

What is Djermaya solar project?

This project will construct an initial 34MWp solar PV plant in Djermaya, 30km north of Chad's capital, N'Djamena. Development of Djermaya Solar will be phased to gradually integrate renewable power into Chad's national grid. The first 34MWp phase secured financing in 2021. Construction start is planned for 2022 and operations for 2023.

Why is electricity so important in Chad?

It is vital work. Electricity is scarce, expensive and unreliable in Chad with the current energy system reliant on biomass fuels such as wood and animal dung. The one thing in which Chad is rich is the sun. "This freely available, sustainable resource has a huge potential to transform the country's energy sector.

This project will construct an initial 36MWp solar PV plant in Djermaya, 30km north of Chad's capital, N'Djamena. Development of Djermaya Solar will be phased to gradually integrate renewable power into Chad's national grid.

InnoVent has therefore decided to develop the country's first solar power plant, by implanting it in Abéché, the second largest city in Chad with 80,000 inhabitants, but which ...

Kemot solar Chad

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Desert to Power aims to connect 250 million people to electricity, generate up to 10 gigawatts (GW) of solar energy capacity, and make the Sahel one of the world's largest solar production...

InnoVent has therefore decided to develop the country's first solar power plant, by implanting it in Abéché, the second largest city in Chad with 80,000 inhabitants, but which is not connected to the national electricity grid.

SummaryLocationOverviewConstruction and timelineFundingSee alsoExternal linksDjermaya Solar Power Station (DSPS) is a planned 60 MW (80,000 hp) solar power plant in Chad. The solar farm is under development and is owned by a consortium comprising (a) Aldwych International Limited, a subsidiary of Anergi Group (working on behalf of InfraCo Africa) and (b) Smart Energies. The power station will be developed in phases. Phase 1, with capacity of 32 megawatts will be developed first. Phase 2, with capacity of 28 megawatts will be developed aft...

