

SolarInnovate Energy Solutions

Solar power with grid backup in Chad



Overview

French renewable energy company Qair has started building two hybrid solar power plants in N'Djamena, Chad. The project aims to increase electricity access in a country where millions lack power. Where is Chad's first solar power plant located?

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. The project's beginnings date back to the end of 2015.

Why did Innovent develop a solar power plant in Chad?

The other advantage would be the preservation of the environment, important in a semi-desert country like Chad. 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.

Why is electricity so expensive in Chad?

Despite these resources, electricity remains very scarce in Chad, making it one of the most expensive in the world. Today, apart from the 1 MW wind power plant (composed of 4 wind turbines) in Amdjarass, a town in the east of the country, electricity is only supplied by generators, which regularly break down.

Is Chad a good place to live?

Indeed, Chad enjoys an exceptional sunshine rate of 2,000 to 2,600 hours per year. Some regions also offer very interesting wind speeds. Despite these resources, electricity remains very scarce in Chad, making it one of the most expensive in the world.

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