

SolarInnovate Energy Solutions

Niamey photovoltaic glass roof



Overview

Will a 30 MWp photovoltaic power plant improve Niger's electricity supply?

FIND IT! Mahaman Moustapha Barké, Niger's Minister of Energy, has announced the commissioning of a 30 MWp photovoltaic solar power plant. The infrastructure, located around ten kilometres from the capital Niamey, was built under the aegis of Nigerien Electricity Company (NIGELEC) with a view to improving the city's electricity supply.

Is Niamey a good place to get electricity?

The infrastructure, located around ten kilometres from the capital Niamey, was built under the aegis of Nigerien Electricity Company (NIGELEC) with a view to improving the city's electricity supply. Niamey, the capital of Niger (population 1.5 million), has just seen an improvement in its electricity supply.

What is the largest solar power plant in Niger?

This has been made possible by the commissioning of the Gourou Banda solar power plant, with a capacity of 30 MWp. Equipped with 55,608 solar panels, each with an output of 540 W, this is the largest solar photovoltaic park in operation in Niger.

Will the gourou Banda solar power plant reduce load shedding in Niger?

In an announcement made on national television on Sunday 26 November 2023, Niger's Minister of Energy, Mahaman Moustapha Barké, said that the commissioning of the Gourou Banda solar power plant would reduce the load shedding that the country had been experiencing for more than three months.

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Evaluation of Solar Potential at Niamey: Study Data of ...

Jan 17, 2018 · Knowledge of solar potential is one of the crucial parameters to master for energy applications. In this study, continuous measurements (at intervals of 5 minutes over 24 hours) ...

In Niger, the rise of solar energy in the face of electricity ...

Apr 19, 2025 · In the Lazaret neighborhood of Niamey, Elhadj Abdou inspects the dozen solar panels adorning the roof of his house. This scene is becoming increasingly common in the ...



A GIS Approach of Potential Photovoltaic Power Sites in Niamey...

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