

Mozambique Solar Base Station Quote







Overview

When did Globeleq & Mozambique launch a solar power plant?

Our solar power plant in Cuamba was inaugurated in September of 2023. It marked another milestone for Globeleq and Mozambique, as it was the first IPP to integrate a utility-scale energy storage system.

How will Mozambique's power plant's strategic location affect the grid?

The project's strategic location will reduce energy transmission losses and improve the security of energy supply in northern Mozambique and stabilize the grid. It is estimated that the power plant's connection to the EDM grid will result in a seven percent improvement in the network default level.

Who built Mozambique's first large-scale solar power plant?

Capital and expertise from Scatec Solar, KLP and Norfund enabled the construction of Mozambique's first large-scale solar power plant. Central Solar de Mocuba (CESOM) provides over 79 GWh of electricity annually, which is equivalent to the electricity consumption of more than 170,000 households in Mozambique.

What does Cuamba solar mean for Mozambique?

The plant is the first IPP in Mozambique to integrate a utility-scale energy storage system and includes an upgrade to the existing Cuamba substation. The Cuamba Solar plant supplies enough power for 21,800 consumers over the project's life and is expected to avoid the equivalent of more than 172,000 tonnes of CO2 emissions.

How many solar panels does Moçambique have?

It comprises 121,500 solar panels. Its output is sold directly to the Electricidade de Moçambique (EDM), for integration into the national grid, under a 25-year power purchase agreement. A new high voltage power transmission line delivers the power to an EDM substation, where the power



enters the national grid.

Where is Mozambique's power plant located?

The plant was built in the Zambezia Province in north-central Mozambique. Mozambique is one of the poorest countries in the world and access to electricity is extremely limited. In rural areas only 6 percent of the population has an electricity supply. National demand for electricity is growing significantly due to industrial and commercial growth.



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<u>Mozambique's First Large Scale Solar Plant - ASEZA</u>

Located in Zambézia province, this 40 MW facility is a crucial step towards sustainable energy in a nation rich in hydro, gas, and solar potential but struggling with transmission and rural ...

Solar Energy Production Up 28.9% to Over 71 MWh in First Nine ...

Electricity production from solar parks in Mozambique grew by 28.9% from January to September, but still only accounts for 0.5% of the total, according to official data consulted ...



<u>Country Brief: Mozambique Off-grid solar power in ...</u>

With falling technology costs, new business models, and thousands of identified potential sites across Mozambique, off-grid solar power is increasingly a cost-effective option to realize full

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