

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 Mozambique 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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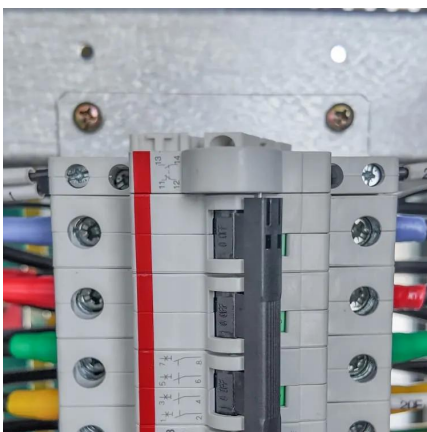


[Mozambique's First Large Scale Solar Plant - ASEZA](#)

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