

## SolarInnovate Energy Solutions

# Camping power station factory in Mozambique



## Overview

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Does Mozambique have hydropower?

Including hydropower, renewables currently make up 70% of all energy produced in Mozambique. Hydropower has traditionally been the largest contributor to Mozambique's power production. The country has one of the largest potentials in Africa, largely thanks to the mighty Zambezi River, which boasts a projected production capacity of 20 GW.

What is Mozambique's energy potential?

The country has one of the largest potentials in Africa, largely thanks to the mighty Zambezi River, which boasts a projected production capacity of 20 GW. More than half of this potential is in Mozambique. Existing power plants such as Hidroelétrica de Cahora Bassa (HCB) contribute significantly to the country's energy production.

Does Mozambique use natural gas as a transitional fuel?

**GAS IN THE ENERGY TRANSITION:** With the largest natural gas reserves in sub-Saharan Africa, Mozambique is also focused on utilising clean gas as a transitional fuel for its power generation sector. A giant 2-GW combined-cycle gas turbine power plant is being planned in Beluluane, near Maputo.

Why is Mozambique a major energy exporter?

Mozambique is a net exporter of energy to countries in the Southern African Power Pool (SAPP) – South Africa being the largest importer. The government views energy exports as a key driver of the Mozambican economy, having passed a new electricity law that simplifies permitting and encourages IPPs activities.

How much energy is available in Mozambique in 2023?

“Financial resources for renewables projects have grown steadily, with nearly USD 230 million available in 2023.” Including hydropower, renewables

currently make up 70% of all energy produced in Mozambique. Hydropower has traditionally been the largest contributor to Mozambique's power production.

Can Mozambique produce 2 GW?

Alongside wind and solar, Mozambique also has large biomass potential, with estimates pointing to the possible production of 2 GW. **GAS IN THE ENERGY TRANSITION:** With the largest natural gas reserves in sub-Saharan Africa, Mozambique is also focused on utilising clean gas as a transitional fuel for its power generation sector.

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### List of power stations in Mozambique

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