

### **SolarInnovate Energy Solutions**

# 1000 wh power station factory in Mozambique





#### **Overview**

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 Hidroeléctrica de Cahora Bassa (HCB) contribute significantly to the country's energy production.

Why is Mozambique focusing on hydropower projects?

Since Mozambique has high hydro power potential, the country is focusing on developing large hydro projects that aim to be operational at the beginning of 2030's. Hydropower projects play an important role in decarbonizing the power sector in Mozambique.

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.

How much power does Mozambique have?

The country's biggest power plant, Cahora Bassa hydro plant, has an installed capacity of 2,075 MW. Currently, over 75% of the electricity generated from



the hydropower plant is exported to South Africa. The remaining capacity, around 1,300 MW, is utilised to meet local electricity demand in Mozambique.

Will Mozambique build a hydro power plant in 2024?

It also plans for 900 MW of baseload gas projects to be built from 2022 to 2032, including the 450 MW Temane gas power plant expected for delivery in 2024. Since Mozambique has high hydro power potential, the country is focusing on developing large hydro projects that aim to be operational at the beginning of 2030's.



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