

What energy sources are available in Mozambique?

Mozambique has abundant energy sources available for exploitation. As of 2021, the country was ranked first in energy potential of all the countries in the Southern African Power Pool (SAPP), with an estimated energy capacity of 187,000 MW. Available energy sources include coal, hydroelectricity, natural gas, solar energy and wind power.

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.

What is PV power potential in Mozambique?

The PV power potential map developed by the World Bank shows the potential for PV power projects in Mozambique on a scale of a yearly total specific PV power output of 1,534 to 1,753 kWh/kWp. The zones marked in the darkest shade show the highest potential.

What is EDM doing in Mozambique?

EDM and Mozambique support the development of renewable energy projects, having launched public tenders for solar and wind projects, the country is also exploring battery storage solutions. The largest power generation plant in the country is the Cahora Bassa hydro dam, operated by the government-owned Hidroelétrica de Cahora Bassa (HCB).

How much power does Mozambique have?

As of 2019, Mozambique had 2,185 MW of installed hydroelectric generation capacity, accounting for 92 percent of total national installed capacity of 2,375 MW. The 2,075 megawatts Cahora Bassa Hydroelectric Power Station (CBHPS) across the Zambezi River, is the largest power station in Mozambique.

Which sector uses the most electricity in Mozambique?

Based on 2019 billing data from EDM, the on-grid electricity demand in Mozambique is the highest for domestic use (45%) followed by industries (37.3%) and commercial use (16%). In 2021 the total electricity consumption was 3,584 GWh. The most consuming sector is domestic, followed by industry, and commerce.

In terms of electricity from renewable energy sources, in 2019 Mozambique's total renewable electricity production was 7,089 GWh. 52% of the total renewable power was generated by the largest independent power producer (IPP): ...

The Mozambique Energy Strategy 2014-2023 intends not only to respond to the challenge presented by EIB of providing power generation scenarios for Mozambique and prioritizing currently proposed investments but

also to ...

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