



BUHLE POWER

Maputo power base station planning





Overview

What is Maputo & Temane's power transmission line?

The construction phase of the power transmission line between Maputo and Temane, with a length of more than 500 kilometres and a capacity of 400 kilovolts (kV), has been completed. The infrastructure is classified as a significant undertaking for Mozambique, representing an investment of 3.7 billion meticals (60 million dollars).

How can Mozambique achieve its electrification goal?

A power mix that takes advantage of its vast energy resources in a cost-effective way and provides a solid foundation for the long-term development of its power system. The use of proven power generation technologies coupled with a well-structured and realistic data-driven plan will enable Mozambique to reach its electrification goal.

How much does the Maputo-Temane powerline project cost?

The Maputo-Temane Powerline Construction which extends a distance of 580 kilometres, has been completed. This will then be followed by commissioning and current transmission phases. The powerline project is estimated to cost approximately \$551.2 million. The construction works were initially planned to be completed by the end of the year 2023.

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.



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[Construction of the Power Line Between Maputo and ...](#)

Feb 7, 2025 · The 400 Kv transmission line, which originates at the Temane Thermal Power Station in the Inhassoro district of Inhambane province and ends in Maputo, serves as the ...

[Wärtsilä Mozambique white paper 2022](#)

Nov 19, 2025 · A power mix that takes advantage of its vast energy resources in a cost-effective way and provides a solid foundation for the long-term development of its power system. The ...



Maputo power station

Dec 5, 2025 · Maputo power station is an operating power station of at least 121-megawatts (MW) in Maputo, Mozambique. It is also known as Maputo Thermoelectric Power Plant, Maputo ...

[Maputo Floating Power Plant to be submitted to second ...](#)

Mar 31, 2023 · Maputo, 5 Dec (AIM) - The Maputo Floating Power Plant Project, which will be developed by the Turkish company Karpower Global DMCC (Karpowership), in partnership ...



[Mozambique's \\$551 Million Maputo-Temane Powerline ...](#)

Feb 12, 2025 · The Maputo-Temane Powerline Construction which extends a distance of 580 kilometres, has been completed. This will then be followed by commissioning and current ...



[Aqua Power and EDM sign MoU for 276MW ...](#)

Apr 12, 2024 · Aqua Power and Electricidade de Mozambique, E.P. (EDM) has signed a Memorandum of Understanding to build a 276MW gas-fired ...



Karpowerships in Mozambique

Jan 27, 2025 · In addition to the Floating Thermoelectric Power Station, the project includes the construction of a 4km Power Transmission Line linking the Power Station to the 275KV ...



Aqua Power and EDM sign MoU for 276MW gas-fired power plant in Maputo

Apr 12, 2024 · Aqua Power and Electricidade de Mozambique, E.P. (EDM) has signed a Memorandum of Understanding to build a 276MW gas-fired power plant in Maputo, ...



Maputo Floating Power Plant to be submitted ...

Mar 31, 2023 · Maputo, 5 Dec (AIM) - The Maputo Floating Power Plant Project, which will be developed by the Turkish company Karpower ...



Optimization of Maputo Power Plant

Jun 28, 2013 · The Maputo Power Plant performance analysis with combined cycle involves designing, for each installed unit, the corresponding steam turbine, steam turbine generator, ...



Mozambique's \$551 Million Maputo-Temane ...

Feb 12, 2025 · The Maputo-Temane Powerline Construction which extends a distance of 580 kilometres, has been completed. This will then be

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Maputo energy storage power plant operation

The company has three gas turbines installed at Maputo Power Plant. All units burn diesel oil and are used only for back up. Currently only the unit #2 is available for operation. The main ...

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