

# Windhoek Base Station Power Module

Where is Van Eck power station?

Van Eck power station is an operating power station of at least 120-megawatts (MW) in Windhoek, Khomas, Namibia. The map below shows the exact location of the power station. Loading map... The Van Eck power station is the only coal-fired power station in Namibia. It is a sub-critical plant and initially had no emission controls.

Why is Van Eck a standby power station?

In their 2022 Integrated Annual Report, NamPower stated that Van Eck power station "operates as an emergency standby power station and is thus only required to generate power when the tariff is less than the cost of energy available in the market, during planned outages of backbone lines, and during emergencies."

How many mw can a van Eck power station run?

In October 2021, NamPower stated: "The Van Eck Power Station has an installed capacity of 120 MW; however due to the power station's aging infrastructure the 4 x 30 MW units are restricted to 25 MW per unit of which only a maximum of two are operated at any given time and the other two on standby."

Is Van Eck a coal-fired power station?

The Van Eck power station is the only coal-fired power station in Namibia. It is a sub-critical plant and initially had no emission controls. In 2014, it consumed approximately 570kg of coal per MWh of electricity generated. As of 2021, it consumes approximately 650kg of coal per MWh of electricity generated.

How much coal does NamPower use per MWh?

As of 2021, it consumes approximately 650kg of coal per MWh of electricity generated. In 2017, NamPower rehabilitated the plant, reducing air emissions and extending the plant's life by an estimated ten years.

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