NKOSITHANDILEB SOLAR

Outdoor power station factory in Gambia

Overview

Who owns the power plant in the Gambia?

These facilities are operated by National Water and Electricity Company (NAWEC) and Karadeniz Power ship Koray Bey Company Limited - an Independent Power Producer (IPP). In 2018, the effective electric installed capacity in The Gambia was around 135 MW.

Does the Gambia have a hydro potential?

Hydro potentials are non-existing in the Gambian territory. The average annual solar insolation for The Gambia is 4.5-5.3 kWh/m2-day, which represents a high generating potential for the country, making it interesting for PV Power Plants, Solar Home Systems (SHS), solar heater for the domestic and hotel industry and Hybrid Diesel-PV Systems.

How does electricity work in the Gambia?

In 2018, the effective electric installed capacity in The Gambia was around 135 MW. About 73% of this installed capacity is operated by NAWEC while the remaining 27% is operated by an IPP (Karpowership). Currently, Electricity is transmitted from these stations for distribution via five radial 11 kV feeders and three 33 kV feeders.

Can wind energy be used for water pumping in the Gambia?

In the mechanical energy application, wind energy has been used for water pumping for many decades in The Gambia. This technology has provided water to populations for decades, especially in the absence of electricity services and thereby providing the much-needed vital essentials of life.

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Data for power plants in Gambia, The with total installed generating capacity 10 mw from the Platts World Electric Power Plants Database (WEPP 2006).

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Location. The power station is planned to sit on 225 hectares (556 acres) of land in the town of Soma, in Jarra West District, in the Lower River Division of Gambia. Soma, Gambia is located ...

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The power station is located in the community called "Jambur", in Kombo North District, in the Brikama Local Government Area, southwest of Banjul, the capital city of the ...

The Gambia relies entirely on imported fossil fuel for electricity generation âEUR" mainly HFO - for the main power plants in GBA, and Provincial towns as well as the Turkish emergency ...

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