

Power Distribution in Botswana



Overview

Revised in April 2025, this map provides a detailed view of the power sector in Botswana. The locations of power generation facilities that are operating, under construction or planned are shown by type – including liquid fuels, gas and liquid fuels, coal, hybrid . Statistics Botswana compiles data on industrial production in Botswana, hence electricity indices in this report are only confined to electricity generated locally. affordable, and sustainable energy. This National Energy Compact (hereafter referred to as 'Compact') serves as a strategic framework to accelerate progress towards achieving universal energy access by 2030, aligning with Botswana's economic diversifi electricity access to 76. However. Electricity Distribution data was reported at 3,313,959. 000 kWh th from Dec 1985 (Median) to 2025, with 41 observations. 1 percent to 988,303 megawatt-hours (MWH) compared to 889,535 MWH during the same period in 2023. According to a new report by Statistics Botswana, the growth underscores the country's strides. Integrated Energy Planning and developing an Integrated Resource Plan (IRP) are an integral part of the energy planning process in Botswana as guided by its 11th National Development Plans (NDP 11) and other sector policies and ambitions. In the energy sector, the NDP 11 focuses on increasing.



Article Content

Botswana

Unlike other energy commodities such as coal, oil and natural gas, electricity trade between countries is relatively limited as it is more technically complex and requires a direct cross-border interconnection.

Botswana Electricity Supply: Year to Date

Botswana Electricity Supply: Year to Date data was reported at 1,065,144.000 GWh in Dec 2025. This records a decrease from the previous number of 1,127,513.000 GWh for Sep 2025. Botswana

Botswana's Electricity Generation Surges As Imports

The combined trends of increased local generation and reduced imports point to Botswana's growing energy independence. The emphasis on

Botswana | Electricity Distribution | CEIC

Discover data on Electricity Distribution in Botswana. Explore expert forecasts and historical data on economic indicators across 195+ countries.

Voltage in Botswana

Botswana's electricity supply network has experienced significant growth and transformation over the years. The country has invested in

Botswana's Electricity Generation Surges As Imports

The Electricity Generation & Distribution Stats Brief, Third Quarter 2024, highlights a quarter-on-quarter increase of 23.6 percent, with local

The Transmission Grid

The Transmission Grid Botswana's national electricity grid comprises of 1,246 kilometers of 400kV transmission lines, 2,200 kilometers of 220kV lines and 2,162 kilometers of 132kV lines. It

Electricity Generation & Distribution

Preface Statistics Botswana compiles data on industrial production in Botswana, hence electricity indices in this report are only confined to electricity generated locally. However, importation and

Integrated Resource Plan for Electricity for Botswana

The existing power generation system of Botswana is based on fossil fuels and consists of two coal-fired power plants and two diesel generators. The bulk of electricity produced locally comes from the coal

Botswana | Africa Energy Portal

While access to electricity has increased, there is need to improve the security of power supply to support higher productivity. The population with access to electricity increased from 67.4% in 2017 to

Energy supply, consumption and access dynamics in Botswana

The research presented in this paper investigates the electricity generation and access potential for Botswana. In addition detailed documentation and 13 years energy consumption and

NATIONAL ENERGY COMPACT FOR BOTSWANA

These ongoing efforts highlight Botswana's commitment to expanding and modernizing its power infrastructure, ensuring greater energy security, industrial growth, and regional power trade integration.

Botswana's electricity infrastructure map | African Energy

Botswana's electricity infrastructure map Published December 2013, this map provides an overview of the power generation and transmission

Botswana's energy production | Power and Energy

Botswana, located in central southern Africa, has made significant strides in its energy production since gaining independence in 1966. The Botswana Power Corporation (BPC), established in 1970, is the

Botswana Electricity Transmission Network

Data for medium and high voltage transmission lines in Botswana. The data were compiled for the AICD study led by the World Bank. A variety of sources were consulted, including

NATIONAL ENERGY COMPACT FOR BOTSWANA

Botswana has had a functional vertically integrated energy sector for a long time, aligned with the times of the country's rapid economic development in the past decades. However, challenges in recent

Botswana Power Corporation

Botswana Power Corporation (BPC) is a state-owned company for electrical power generation, transmission and distribution in Botswana. It was established in 1970 and is currently the only

Botswana

Botswana's energy sector is primarily powered by coal-fired plants, supported by the country's vast coal reserves, estimated at 212 billion tons. Coal-fired power plants form the backbone

ELECTRICITY GENERATION AND DISTRIBUTION

This statistical brief is intended to apprise on Electricity Generation, Importation and Distribution by presenting Monthly, Quarterly and Yearly Volumes as well as Indices for Electricity Generation in

Integrated Resource Plan for Electricity for Botswana

In the energy sector, the NDP 11 focuses on increasing self-reliance on the country's energy resources. Hence, Botswana is looking to diversify and support the development of the economy by securing

Botswana's power sector infrastructure | African Energy

Revised in April 2025, this map provides a detailed view of the power sector in Botswana. The locations of power generation facilities that are operating, under

Power Distribution

Botswana's power distribution network is extensive, covering all urban areas and 83% of the gazetted villages. The distribution network

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