

SolarTech Power Solutions

Ghana energy storage electricity sales price



Overview

What is the electricity price in Ghana?

The residential electricity price in Ghana is GHS 1.691 per kWh or USD 0.109. The electricity price for businesses is GHS 1.531 kWh or USD 0.099. These retail prices were collected in June 2024 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Ghana with 150 other countries.

How is electricity produced in Ghana?

Based on the United States Energy Information Administration data from 2022, electricity in Ghana is produced from the following sources: fossil fuels 66.06%, wind 0.00%, solar 0.58%, hydro 33.36%, nuclear 0.00%, and geothermal 0.00%. You can also compare the energy mix of Ghana to other countries.

What are the three main sectors of electricity in Ghana?

There are three primary segments in the electricity sector: generation, transmission and distribution. Ghana's power suppliers are completely state-owned. Since the government control both transmission and generation of power across the country, it has the authority to set power prices that consumers must pay.

What percentage of Ghana's Electricity comes from hydro & renewables?

In 2021, hydro accounted for around 34.1% of total power, with thermal accounting for 65.3% and renewables accounting for 0.55%. according to USAID. Ghana Grid Company (GRIDCo) is responsible for all transmissions. Distribution Company (NEDCo) and Enclave Power Company (EPC).

How many people have access to electricity in Ghana?

Ghana has a population of over 30 million. Of this, around 28.5 million had access to electricity in 2022, a number gradually reached over the preceding

years. For instance, as of 2001, only about nine million people could access electricity in the country. The prevalence of access is usually higher in urban areas than in rural communities.

Who is responsible for electricity in Ghana?

Ghana Grid Company (GRIDCo) is responsible for all transmissions. Distribution Company (NEDCo) and Enclave Power Company (EPC). Ghana has three primary distribution utilities, two of which are state-owned (ECG & NEDCo) and one of which is run privately (EPC).

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