

Average residential ESS price per 1GW in Ethiopia

What is the electricity price in Ethiopia?

The residential electricity price in Ethiopia is ETB 0.658 per kWh or USD 0.005. The electricity price for businesses is ETB 1.611 kWh or USD 0.012. These retail prices were collected in December 2024 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Ethiopia with 150 other countries.

Why did electricity prices increase in Ethiopia?

It is important to note that the prices for all fuels except electricity increased in Ethiopia over the pre-electricity tariff reform period and that these increases continued as the electricity hikes also began.

How can Ethiopia improve electricity access & reliability?

Improving electricity access and reliability are fundamental to ensuring that Ethiopia meets its growth and poverty reduction ambitions. The government has started to make major investments in the power sector, and has recently embarked on electricity tariff reform to increase cost-recovery and improve the quality of electricity services.

Is the price elasticity of electricity in urban Ethiopia inelastic?

In the overall sample, however, consumption slightly increased over time. These results imply that the price elasticity of demand for electricity in urban Ethiopia is highly inelastic. Moreover, households did not shift substantially toward the use of alternative fuels.

What is the energy consumption pattern of households in Ethiopia?

Furthermore, the energy consumption pattern of households in Ethiopia is dominated by electricity and biomass fuels. The former is mainly used for lighting and cooking by urban households. However, biomass fuels such as firewood and charcoal are also used for cooking and baking in urban Ethiopia.

What percentage of Ethiopia's electricity comes from renewable resources?

Energy Sector Management Assistance Program (ESMAP) figures suggest that close to 100% of the electricity consumed in Ethiopia already comes from renewable resources (approximately 90% from hydropower, eight per cent from wind and two per cent from thermal sources).



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