



Electricity consumption colombia





Overview

The latest data from 2025 indicates an average electricity consumption of 1673 kWh per person, a slight dip from the 2024 peak of 1705 kWh per person, a decline of 33 kWh per person. This page provides the data for your chosen country across all of the key metrics on this topic. In the selection box above you can also add or. Electricity can be generated in two main ways: by harnessing the heat from burning fuels or nuclear reactions in the form of steam (thermal power) or by capturing the energy of natural forces such as the sun, wind or moving water. of total generation Electricity production tends to closely match. In Colombia, the electricity landscape over the past 12 months, ranging from July 2024 to June 2025, is predominantly governed by low-carbon sources, contributing to about 73% of the total electricity generation. 5% annually since 2020, reaching 48 Mtoe in 2024. Oil leads consumption (42%), followed by gas (21%) and coal (15%). of electric energy per year. Per capita this is an average of 1,556 kWh. Colombia could be self-sufficient with domestically produced energy. 956 BTU qn from Dec 1980 (Median) to 2023, with 44 observations.



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Colombia

Growth in electricity demand has slowed down or even reversed in many advanced economies due to energy efficiency efforts and the shift towards less energy-intensive forms of economic activity, such ...



Colombia Energy Information

- Colombia's Energy Supply & Demand: Colombia's energy mix is dominated by hydroelectricity (55-80%), with oil, gas, and coal also significant. Total energy consumption rose 3.5% annually since ...



Colombia

How much energy does Colombia consume each year? How much total energy -- combining electricity, transport and heat -- does the country consume each year? This interactive chart shows primary ...

[Colombia Total Energy Consumption , Economic Indicators , CEIC](#)

Colombia Total Energy Consumption data remains active status in CEIC and is reported by U.S. Energy Information Administration. The data is categorized under Global Database's ...



Colombia Electricity Consumption 2004

NOTE: This time series graph shows the Electricity Consumption of Colombia based on our stored data from 2004 to 2024, taken from the CIA World fact books of the respective years.

Electricity

Electricity is defined as the flow of electric charge, primarily electrons moving through a conductor. Its primary function is to power countless devices and systems by converting energy into usable forms.



Electricity

Electricity is the set of physical phenomena associated with the presence and motion of matter possessing an electric charge. Electricity is related to magnetism, both being part of the ...



Colombia: Primary energy consumption



Colombia: Primary energy consumption: The latest value from 2023 is 1.533 quadrillion Btu, a decline from 1.598 quadrillion Btu in 2022. In comparison, the world average is 3.088 quadrillion Btu, based ...



[Electricity , Definition, Facts, & Types , Britannica](#)

Electricity, phenomenon associated with stationary or moving electric charges. Electric charge is a fundamental property of matter and is borne by elementary particles. In electricity the ...



Colombia Energy Information

Colombia Total Energy Consumption
 Colombia Crude Oil Production
 Colombia Renewable in %
 Electricity Production
 Colombia CO2 Fuel Combustion/Co2 Emissions
 Per capita consumption is around 0.87 toe, including 17% of electricity (1 730 kWh in 2023). Total energy consumption increased by around 5% in 2023 to 45 Mtoe, in line with the post-COVID trend. Previously, it had fluctuated around 39-44 Mtoe between 2015 and 2019 and dropped by 7% in 2020. Graph: CONSUMPTION TRENDS BY ENERGY SOURCE (Mtoe) Graph: See more on enerdata Worlddata



Energy and CO2 in Colombia - Worlddata

Colombia could be self-sufficient with domestically produced energy. The total production of all electric energy producing facilities is 90 bn kWh, which is 110 ...



[Electricity consumption , Colombia - yearly data, chart and table](#)

Official and up-to-date data of Colombia for all years of statistics, in an easy-to-read format. Analysis of electricity consumption with advanced tools for comparisons, trends, shares, and various metrics.

[Colombia Electricity Generation Mix 2025 , Low-Carbon ...](#)

Colombia's electricity mix includes 64% Hydropower, 14% Gas and 9% Coal. Low-carbon generation peaked in 2017.



[Basics of Electricity: Essential Concepts Explained](#)

Electricity is a form of energy that exists through charged particles like electrons and protons. It is integral to almost every facet of modern life. Electricity powers our homes, phones, ...



Electricity 101

The energy sources we use to make electricity can be renewable (such as wind or solar) or non-renewable, but electricity itself is neither renewable nor non-renewable.



[5 Big Reasons Why Electricity Prices Are So High Right Now](#)



LPR Series 19
Rack Mounted



Electricity costs have been steadily rising for years now, outpacing inflation. The average monthly residential electricity bill increased from about \$121 in 2021 to \$156 in 2025, a nearly 30% rise.

Energy and CO2 in Colombia

Colombia could be self-sufficient with domestically produced energy. The total production of all electric energy producing facilities is 90 bn kWh, which is 110 percent of the country's own usage.



Electricity explained

Electricity is the flow of electrical power or charge. Electricity is both a basic part of nature and one of the most widely used forms of energy.

The inequality of electricity consumption in Colombia. Projections and

The inequality in electricity consumption (EC) in Colombia is assessed based on the per capita electricity consumption (ECpc) and the Gini coefficient. The ECpc was defined with the total ...





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