

Electricity consumption quito

How has Ecuador's energy consumption changed over the years?

Ecuador's energy production increased by a compounded growth rate of 0.5% per year from 2011 to 2021, and renewables accounted for most of the increase. The country's energy consumption also increased by a compounded growth rate of 0.5% per year over the same period, down from 4.9% per year the decade prior.

What is the main source of energy in Ecuador?

Petroleum and other liquids continue to be Ecuador's primary source of energy; crude oil accounted for 63.4% of total energy consumption in 2021. The country has significant oil reserves and is one of South America's top oil producers.

Does Ecuador have a natural gas market?

Ecuador's natural gas market is less developed than its oil sector; it has a 0.9% share of total energy production and 1.7% share of energy consumption (Figure 1). Natural gas in Ecuador is mostly used by the industry sector¹.

Why is hydropower a major source of electricity in Ecuador?

Hydropower in Ecuador is a significant source of electricity generation given the country's geographical features, such as the Andes Mountains and the Amazon rainforest. Hydropower accounted for 79.1% of total electricity generation in 2021, up from 55.4% in 2011.² Figure 1. Map of Ecuador Figure 2.

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary ...

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In Ecuador, The Energy Efficiency National Plan 2016-2035 presents an inter-sectoral plan for energy efficiency, policies in transport, industry, residence, production, generation and all ...

Despite Ecuador's robust low-carbon electricity share, overall electricity consumption has recently witnessed a decline, which raises some concerns. In 2024, the total electricity consumption ...

What is Ecuador's average energy consumption per person? When comparing the total energy consumption of countries, the differences often reflect variations in population size. It's useful to look ...

The findings underscore that high-income households predominantly benefit from energy subsidies, and the eco-innovation process varies based on socioeconomic profiles. This study fills a ...

Statistical information collected from the Agency for the Regulation and Control of energy and non-renewable natural resources - ARC, through electrical consumption reports.

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Official and up-to-date data of Ecuador 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.

Ecuador Total Energy ConsumptionEcuador Crude Oil ProductionEcuador Renewable in % Electricity ProductionEcuador CO2 Fuel Combustion/Co2 EmissionsPer capita energy consumption is around 0.86 toe, a level 34% below the South American average (2022). Per capita electricity consumption is approximately 1 500 kWh. Energy consumption rose by 5% in 2022 (15.4 Mtoe), after falling by 12% in 2020 and rebounding by 9% in 2021. Previously, it had been roughly stable from 2014 to 2019 as a result of lo...See more on enerdata statbase Electricity consumption | Ecuador - yearly data, chart and tableOfficial and up-to-date data of Ecuador 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.

Ecuador Total Energy Production & Consumption Per capita energy consumption is around 0.89toe, a level 40% below the South American average (2023). Per capita electricity consumption is ...

3 The Ecuador"s Electricity Master Plan 2023-2032 projects increase in electricity consumption by 35.6-69.0 percent by 2032 relative to 2023 depending on the scenario.

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