

What percentage of Colombia's energy is renewable?

In 2021, renewable energy accounted for 25% of Colombia's total energy supply and for 29% of final consumption, substantially above the IEA average of 14% and made up 75% of electricity generation (compared to the IEA average of 30%).

What is Colombia's energy matrix?

This page is part of Global Energy Monitor's Latin America Energy Portal. As of 2020, the key components of Colombia's overall energy matrix were petroleum (38%), natural gas (25%), coal (13%), and hydro (12%).

How does the IEA support Colombia's energy transition?

The IEA supports Colombia's agenda for a just energy transition. Experience from the IEA's Global Commission on People-Centred Transitions provides useful learnings for the government of Colombia, helping to boost local economic benefits and the transition to clean energy and new job opportunities.

How much electricity does Colombia produce?

Colombia produced just over 69 TWh of electricity in 2020, fueled almost entirely by hydro power (71.89%) and fossil fuels (26.77%).

Why does Colombia have a poor energy sector?

Lack of accountability in the Colombian energy sector allows for problematic outcomes. The gaseous nature of coal deposits in Colombia has caused a large number of occupational accidents and deaths. Poor ventilation, poor worker training, and inadequate regulation are all factors in methane-related accidents.

Is Colombia a good country for hydroelectric power?

With high rainfall rates and a topography favorable for hydroelectric power projects, Colombia has developed hydro as its primary source of electricity, comprising two-thirds of installed capacity and electrical generation in 2020.

Colombia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across ...

Colombia launched the Energy Plan 2050 in 2016, which aims to diversify the country's energy resources and ensure a reliable energy supply. The Plan also aims to include wind power plants, solar PV and geothermal energy generation in the country's elec

2 ???&#0183; Colombia wants to shorten the production timeline at its biggest deepwater discovery, the nation's energy chief said, as it braces for a shortfall of natural gas in coming years.

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The consortium - formed by Petrobras' subsidiary Petrobras International Braspetro B.V. - Colombia Branch (PIB-COL) as the operator (44.44% stake), together with Ecopetrol (55.56% stake) - will begin acquiring meta-oceanic data as part of the production development project for the discovery.

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Colombia Total Energy Consumption. 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.

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