



# Colombia avelar energy

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 Ecopetrol doing in Colombia?

Colombia's national oil company, Ecopetrol (Empresa Colombiana de Petroleos), is supporting the shift to low-carbon energy with investment plans for clean energy technology.

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.

Does Colombia have solar power?

In the first renewable energy auction for the country, over 1 GW of wind power was awarded in 2019 for a 15-year power purchase agreement from 2022. Colombia has significant solar power resources because of its location in the equatorial zone, but the country sits in a complex region of the Andes where climatic conditions vary.

Will Colombia update the National Energy Plan in 2023?

In 2023, work is under way on updating the National Energy Plan (PEN) towards 2050, in line with Colombia's new National Development Plan 2022-2026 (PND) and energy and climate goals towards decarbonisation.

How much wind power does Colombia have?

Colombia has an estimated theoretical wind power potential of 21 GW just in the Guajira Department --enough to generate sufficient power to meet the national demand almost twice over. However, the country only has an installed capacity of 19.5 MW of wind energy, tapping only 0.4% of its theoretical wind potential.

In mid-2023, we successfully advised LNG Energy Group in the acquisition of gas stakes from Lewis Energy Group in Colombia. This deal was one of the most important hydrocarbons deals in Colombia last year and ...

AES Colombia makes an important contribution to its global portfolio. Moreover, the company is the 5th largest generator in Colombia, providing power to around 3.2 million Colombians daily. Most importantly, we ...

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It provides insights on the ways in which the outlook for the region and the biggest global energy trends are deeply intertwined - as well as recommendations on policies that could allow Latin America and the Caribbean to take full advantage of its great potential.

BOGOTA, Feb. 22, 2024 - Atlas Renewable Energy, a leading international provider of renewable energy solutions for large consumers, has acquired its first solar project in Colombia, the Shangri-La project, located in the Department of Tolima. The project will generate approximately 403.7 GWh per year and will supply clean energy through a ...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

Carlos Adrian Correa Florez, general manager of UPME, talks to The Energy Year about how central energy transmission is to the unit's strategy, the importance of its pipeline of renewable energy projects and how Colombia is materialising its energy transition.

En el marco de los 100 años del World Energy Council, el Consejo Mundial de Energía y Colombia lanza la iniciativa Colombian Energy Week, que busca crear un espacio de discusión, aprendizaje y de oportunidades de nuevos modelos ...

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Colombia's National Energy Plan (PEN) 2022-2052, launched in 2023 as an updated version of the original NEP 2020-2050, lays out a pathway for integrating wind, solar and geothermal energy into the country's electricity mix. In its revised nationally determined contribution (NDC), submitted at the 2021 United Nations



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Climate Change

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