

Brazil is pushing for an energy internet



Overview

Brazil's government confidently asserts its readiness to meet the energy demands of data centers and artificial intelligence over the next 15 years. Its vast renewable energy resources, strong biofuels sector and ambitious climate commitments offer distinct advantages in the low-carbon economy. Image credit: Shutterstock Access to good phone coverage is becoming essential in an. Brazil is the largest electricity market in Latin America, the world's seventh-largest consumer electricity market, and has the third largest renewable energy generation capacity in the world, according to data from the U. Energy Information Administration (EIA). Brazil has successfully integrated renewable energy into its national grid, with positive impacts on the local economy, including supporting domestic supply. Alliance partners visit a solar irrigation project in Roraima, Brazil to explore how productive uses of energy can transform production and improve livelihoods. Alexandre Silveira, Minister of Mines and Energy, made this declaration at the G20 Energy Transitions Working Group meeting in Foz do Iguaçu.



Article Content

Brazil takes high-speed internet to remote areas

The Brazilian government has intensified actions to bring high-speed internet to all of the most remote areas of the country. So far, more than 17,000

Brazil's opportunity to lead the global dialogue on energy and climate

Brazil is a frontrunner in clean energy transitions: among the world's largest economies, it boasts the lowest share of fossil fuels in its energy mix. Holding the G20 Presidency in 2024, Brazil

Brazilian Senate passes Offshore Wind Bill which sets course for

12 December 2024 | Brazil's Federal Senate has passed the country's offshore wind bill, passing the legislation on to the President for final approval. The bill paves the way for the offshore wind sector to

Brazil has been a reference in clean and renewable

This year, solar energy reached 16.4 (GW) of installed capacity and became the third largest source in the Brazilian electricity matrix, behind only

Brazil Claims Energy Readiness for A.I. and Data

Brazil's government confidently asserts its readiness to meet the energy demands of data centers and artificial intelligence over the next 15 years. Alexandre Silveira, Minister of Mines and

The people of Brazil have spoken – and it's leading to better internet ...

Brazil is already using natural energy resources such as hydroelectricity, but now, it's aiming to increase funding for energy transition research. It is also planning to fund government

Brazil Reaches 85% Clean Power Targets 90% by 2030

Brazil Reaches 85% Clean Power, Targets 90% by 2030 Amid Biofuel Push. (Photo Internet reproduction) This growth was driven by the Future

The Transformation of Brazil's Energy Sector:

The Brazilian government has carried out profound reforms in the country's energy system, opening up the electricity and gas sectors to private

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The energy transition in Brazil

This report charts Brazil's experience in the deployment of renewable energy as part of the country's ongoing energy transition.

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Internet of Energy Applications for the Brazilian Energy System

This article explores the potential applications of the Internet of Energy in the Brazilian energy system, discussing its benefits, challenges, and future prospects.

Electricity sector in Brazil

The Ministry of Energy and Mines (MME) has the overall responsibility for policy setting in the electricity sector while ANEEL, which is linked to the Ministry of Mines and Energy, is the Brazilian Electricity

Brazil's electricity mix in the Ten-Year Energy Expansion Plan, 2019 ...

Brazil's electricity mix in the Ten-Year Energy Expansion Plan, 2019-2029 - Chart and data by the International Energy Agency.

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5 Things to Know about Renewable Energy in Brazil

Renewable energy in Brazil is a booming industry, providing thousands of jobs and access to clean, reliable energy to those in need.

Energy in Brazil

Brazil is the 7th largest consumer in the world and the largest in South America. At the same time, it is an important oil and gas producer in the region and the

The energy transition in Brazil

Brazil's energy mix contains a significant proportion of renewables, with renewable power providing 89% of total electricity generation. Brazil has successfully integrated renewable energy into

Original insights on the decarbonization potential of

Explore how Brazil could achieve net-zero by 2050 through electrification, innovation, and green-industry leadership.

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