



Argentina energy conservation





Overview

Hydropower is the leading clean energy source, supplying nearly a quarter. Solar and biofuels collectively contribute a bit over 5%. Argentina's total primary energy mix is dominated by natural gas (55%) and oil (33%), with bioenergy contributing 5%, and hydropower and nuclear another 3% each. Argentina has the 2nd largest reserve of shale gas and the 4th largest reserve of shale oil worldwide. 45 quads in 2022, lower than the 3.5% annual decline in the country's gross domestic product per capita, adjusted for inflation, between 2012 and 2022 (Figure 2). The prevailing natural gas-fired thermal generation is at risk due to the uncertainty about. This report examines Argentina's energy situation, analysing its current energy matrix, its past structure and future challenges. Its share of wind and solar (14%) is just below the global average. The energy sector is a major contributor to global carbon dioxide (CO₂) emissions, accounting for approximately 75% of such emissions, according to the International Energy Agency (IEA).



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Argentina

Argentina relied on fossil fuels for 61% of its electricity in 2024. Its emissions per capita were below the global average. Argentina's power sector emissions grew over the last two decades,

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Argentina presented its National Energy Transition Plan to 2030 in

On July 7, by Resolution 517/2023 of the Secretariat of Energy (of the Ministry of Economy), Argentina approved the National Energy Transition Plan to 2030 and the Guidelines and Scenarios for the ...



Country Analysis Brief: Argentina

The plan aims to reduce energy demand by at least 8% through energy efficiency and responsible energy use and to exceed 50% renewables in electricity generation by 2030.

Challenges and Opportunities in Developing a Sustainable Energy

Drawing upon existing literature, case studies, and some qualified expert insights, the chapter provides recommendations for policymakers and stakeholders to navigate the complexities ...



Energy transition in Argentina: Challenges and opportunities on the

However, the energy transition in Argentina faces some important challenges. One of the most important is the need to modernize and expand electricity transmission infrastructure, ...



Electricity sector in Argentina

The only active energy project financed by the World Bank in Argentina is the Renewable Energy in the Rural Market Project (PERMER). This project has the objective of guaranteeing access to electricity ...



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Argentina's energy production in the



global transition to clean energy

This report examines Argentina's energy situation, analysing its current energy matrix, its past structure and future challenges. It also assesses the global context and explores national and ...



ARGENTINA

These steps underscore Argentina's efforts to diversify its energy matrix and address growing energy demands. On environmental sustainability, Argentina has reduced emissions by shifting from ...

Electricity sector in Argentina

Overview
History of the electricity sector
Electricity supply and demand
Transmission and distribution
Access to electricity
Service quality
Responsibilities in the Electricity Sector
Renewable energy resources



Prior to 1991, the electricity sector in Argentina was vertically integrated. The sector experienced a serious crisis in the summers of 1988/1989, primarily due to the lack of maintenance of the country's thermal power plants (50% were unavailable). Shortly after the crisis, the government of Carlos Menem introduced a new legal framework for the electricity sector through Law 24,065, which included the following elements: vertical and horizontal unbundling of generation, transmission and distribution; openi...

Argentina Electricity Generation Mix 2025

Over the last 12 months, from July 2024 to June



2025, Argentina's electricity consumption has shown a complex mix of energy sources. Fossil energy, primarily driven by gas, comprises a slight majority, ...





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