

# Power speicher Argentina





## Overview

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Generation Thermal plants fueled by natural gas (CCGT) are the leading source of electricity generation in Argentina. Argentina generates electricity using thermal power plants based on fossil fuels (60%), hydroelectric plants (36%), and nuclear plants (3%), while wind and solar power accounted for less than 1%.

The electricity sector in constitutes the third largest power market in Latin America. It relies mostly on thermal generation (60% of installed capacity) and hydropower generation (36%). The prevailing.

In Argentina, there are two main systems, SADI (Sistema Argentino de Interconexión, Argentine Interconnected System) in the North and center-South of the country, and SIP (Sistema de Interconexión Patagónico, Patagonian).

Interruption frequency and duration Interruption frequency and duration are considerably below the averages for the region. In 2002, the average number of interruptions per subscriber was 5.15, while duration of interruptions per subscriber was 5.25.

The National Promotion Direction (DNPROM) within the Energy Secretariat (SENER) is responsible for the design of programs and actions conducive to the development of renewable energies (through the ).

Total electricity coverage in Argentina was close to 100% of the population in 2016. However, access to electricity is more deficient in certain rural areas. The Renewable Energy in the Rural Market Project (PERMER) in 2012 was one of several programs being.

Policy and regulation The Energy Secretariat (SENER) is responsible for policy setting, while the National Electricity Regulator (ENRE) is the independent entity within the Energy Secretariat responsible for applying the regulatory framework.

The reforms of 1991/92 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.



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### Energy profile: Argentina

Argentina generated roughly 131 TWh of electricity in 2020, sourced 64.65% from fossil fuels (vs. 61.75% in 2019), 18.47% from hydro (vs. 27.25% in 2019), 8.13% from nuclear (vs 6.11% in 2019), 7.18% from wind (vs. 3.85% in 2019), and less than 2% from solar and biomass energy. Consumption. Argentina consumed 129 TWh of electricity in 2020.

### Electricity in Argentina

While hydropower makes up the largest amount of electricity generated in Latin America overall, the power sector of Argentina mainly relies on fossil fuels. Natural gas is the primary source of



### Argentina

Fossil fuels dominate Argentina's electricity mix, making up 59% of its electricity generation in 2023. Its per capita emissions are below the global average. Argentina's largest source of clean electricity is hydro (22%). However, over the last five years, the share of wind and solar has increased, standing at 12% in 2023.

### Electricity sector in Argentina

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less than 1%. Installed nominal capacity in 2019 was 38,922 MW. [4]



### Argentina Power Market Trends and Analysis by ...

The cumulative installed capacity in the Argentina power market was 46.1 GW in 2023 and will grow at a CAGR of more than 2% during 2023-2035. The Argentina power market research report discusses the power ...

### Argentina Energy Information

Argentina Power Consumption. Electricity consumption increased by 1.8% in 2023 to 127 TWh. It had been roughly stable since 2015, after a regular increase of 4.7%/year between 1990 and 2015. The residential sector is the largest electricity consumer (39%), ahead of industry (34%) and services (25%).



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## Argentina: Energy Country Profile

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## Argentina Power Market Trends and Analysis by Capacity, ...

The cumulative installed capacity in the Argentina power market was 46.1 GW in 2023 and will grow at a CAGR of more than 2% during 2023-2035. The Argentina power market research report discusses the power market structure of Argentina. It provides historical and forecast numbers for capacity, generation, and consumption up to 2035.



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