



Energy storage upgrade Argentina

Are Argentine oil and gas companies moving towards the power industry?

The Argentine market is not stranger to the shift of oil and gas companies towards the power industry. Different long-standing Argentine oil and gas companies like Tecpetrol, Pan American Energy (PAE) and YPF have been investing in renewable generation projects in the past years.

What percentage of Argentine electricity is renewable?

In April, renewables met 14.8% of the total electricity demand. This percentage dropped to 13.8% in May and to 13% in June, the energy secretariat said, citing data from Argentine wholesale electricity market administrator CAMMESA. Choose your newsletter by Renewables Now. Join for free!

Is the Argentine renewable PPA market a corporate market?

This initial trend started to shift towards a corporate market through Resolution No. 281/2017 of the Argentine Ministry of Energy and Mining (currently, Secretary of Energy), which established a set of rules for the corporate renewable PPA market (MATER).

How many solar farms are there in Argentina?

The solar farms are the 68.11-MW Zonda I, the 31.89-MW Zonda IB, the 17-MW Cura Brochero and the 8-MW Cura Brochero Ampliacion. The biogas power plant brought 3.12 MW. At the end of the second quarter, Argentina had 5,393 MW of installed renewable energy capacity across 202 operational plants.

What data is available for the Latin America Energy Outlook 2023?

Data is available for mining, electricity generation capacity, natural gas and oil infrastructure, as well as the vulnerability of these resources and energy supply infrastructure to climate impacts in the region. This information is based on IEA analysis carried out within the framework of Latin America Energy Outlook 2023.

How is the Argentine power sector governed?

Read more on Insight The Argentine power sector is governed by Law No. 4,065 and its regulations, Decree Nos. 1398/1992 and 18619/95, and Resolution No. 61/1992, among others (the Regulatory Framework). The Regulatory Framework is characterised by the following main features:

Renewable generation capacity in Argentina is expected to reach 21GW in 2035 at a CAGR of 6% during 2023-2035. Solar PV power is expected to record highest growth rate ...

Tapping vast natural gas reserves could make the country a major global energy player--a new government program can help. Vaca Muerta, located in the Argentine province of Neuquén and home to one of the largest shale gas deposits in the world, has long been hailed as the key to making Argentina a major player in the global energy economy.

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Argentina's energy secretariat said on Tuesday that a new government resolution has increased the maximum capacity limit for renewable energy self-consumption to 12 MW from 2 MW.

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Energy storage is a "force multiplier" for carbon-free energy. It allows for the integration of more solar, wind and distributed energy resources, and increases the capacity factor of existing plants to avoid the need for new thermal generation.

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In support of the region's energy goals, the report explores the opportunities and challenges that lie ahead. 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 ...

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Renewable generation capacity in Argentina is expected to reach 21GW in 2035 at a CAGR of 6% during 2023-2035. Solar PV power is expected to record highest growth rate of 17.07% by 2035, followed by biopower with 10%. Other renewable energy sources such as wind and hydro are estimated to have growth rates of 10% and 2% respectively.

Argentina's energy matrix remains dominated by fossil fuels, which account for approximately 88% of its energy consumption (Lallana et al., 2021). Despite advancements in recent years, such as the 2016 RenovAr programme, the country still faces difficulties in developing a renewable energy sector capable of competing in a matrix structurally reliant on ...

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