

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.

Why did Argentina's natural gas imports fall 47% in 2024?

Argentina's natural gas imports via pipeline fell by 47% in the first nine months of 2024 compared with the same period in 2023. The decline was largely because pipeline imports from Bolivia, which made up around half of Argentina's natural gas imports in 2023, ended in September 2024.

How many GW will the storage industry deploy in 2024?

Across all segments, the industry is expected to deploy 12.8 GW/36.9 GWh in 2024. The grid-scale segment is projected to increase 32% year-over-year with 11 GW/32.7 GWh deployed by year-end, and 62 GW cumulatively from 2024-2028. Over the next five-years, 12 GW of distributed storage will be deployed.

Will battery storage set a record in 2024?

We also expect battery storage to set a record for annual capacity additions in 2024. We expect U.S. battery storage capacity to nearly double in 2024 as developers report plans to add 14.3 GW of battery storage to the existing 15.5 GW this year. In 2023, 6.4 GW of new battery storage capacity was added to the U.S. grid, a 70% annual increase.

How much battery capacity will the US have by 2024?

Developers currently plan to expand U.S. battery capacity to more than 30 gigawatts (GW) by the end of 2024, a capacity that would exceed those of petroleum liquids, geothermal, wood and wood waste, or landfill gas. Two states with rapidly growing wind and solar generating fleets account for the bulk of the capacity additions.

Why did Argentina import LNG?

Argentina relied on LNG imports to help manage peak heating and electricity demand during the winter (June-August) in the southern hemisphere, especially given the country's limited natural gas storage capacity. During the first nine months of 2024, Argentina imported 0.2 Bcf/d of LNG, 43% less than over the same period in 2023.

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2 Energy storage in 2024 exists at an inflection point. From the first tenuous grid battery storage installations 3

in the early 2000s, the new generation of storage technology has sufficiently ...

A total 3.8GW/9.9GWh of energy storage was deployed in the US in the third quarter of 2024, according to Wood Mackenzie's US Energy Storage Monitor. EU Roundup: "Sand Battery" for ...

President Javier Milei is making the most of the global competition to ensure access to a mineral that is critical to making batteries for energy storage and EVs. Residents ...

Energy-Storage.news" publisher Solar Media will host the 6th Energy Storage Summit USA, 19-20 March 2024 in Austin, Texas. Featuring a packed programme of panels, presentations and fireside chats from industry ...

6 ???&#0183; o3.8 GW of storage installed across all segments, 80% increase from Q3 2023 o Residential installations hit all-time high HOUSTON/WASHINGTON, D.C., December 12, 2024 -The U.S. energy storage market continued its ...

U.S. battery storage capacity has been growing since 2021 and could increase by 89% by the end of 2024 if developers bring all of the energy storage systems they have planned on line by their intended commercial ...

2 ???&#0183; 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 ...

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 ...

1 ??&#0183; According to the International Energy Agency (IEA), achieving net-zero emissions requires energy storage capacity to grow six-fold by 2030. This means reaching 1,500 GW by ...

The U.S. energy storage market set a Q2 record in 2024, with the grid-scale segment leading the way at 2,773 MW and 9,982 MWh deployed. o 3,000+ MW of storage installed across all segments, 74% increase from Q2 2023

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