

Article Overview

Venezuela is experiencing ongoing electricity challenges, including unscheduled blackouts, while recent reforms aim to open the sector to private and foreign investment to modernize the grid.

Current Electricity Challenges

Venezuela's electricity system has suffered from years of infrastructure deterioration, leading to frequent and unscheduled power outages, particularly in western states like Zulia and Merida. Residents report blackouts lasting up to seven hours, with little official information on timing or causes, creating uncertainty and skepticism about improvements. The Guri hydroelectric plant, which supplies most of the national grid, has been under stress due to insufficient maintenance and past droughts, contributing to the ongoing instability.

Government Measures and Reforms

In response to the crisis, the Venezuelan government has initiated stabilization and protection maneuvers to balance electricity supply amid rising demand, which reached 15,570 megawatts in May 2026, the highest in nine years. Additionally, the National Assembly has approved initial reforms to the Organic Law of the Electric System and Service, aiming to end the state monopoly and allow private and mixed public-private investment in electricity generation, distribution, and management. These reforms also include reviewing tariffs and reducing subsidies to improve financial sustainability.

Foreign Investment and Modernization Efforts

Venezuela has signed a memorandum of understanding with GE Vernova and state-owned Corpoelec to repair and modernize the national power grid. The plan targets restoring 1,000 MW of generating capacity within 24 months and over 5,000 MW in four to five years, covering both hydroelectric and thermoelectric infrastructure. This initiative is part of a broader effort to attract international investment and stabilize the electricity system after decades of underinvestment and operational challenges.

Outlook

While the reforms and foreign partnerships represent a potential turning point for Venezuela's electricity sector, the country continues to face short-term challenges with unscheduled outages and infrastructure weaknesses. The success of these initiatives will depend on effective implementation, sustained investment, and operational improvements across the national grid.

How much electricity does Venezuela generate each year? Like total energy, the amount of electricity a

The Venezuelan Electricity Sector (VES) is currently approaching collapse. Since the beginning of the 21 st century,

In Venezuela, how much electricity is generated per person? Electricity is often the most "visible" form of energy that we rely on day

When potential providers and financiers for Venezuela's electric industry, including Siemens Energy and GE Vernova,

Besides hydroelectric power, Venezuela also relies on natural gas and petroleum, contributing 25% and 11%, respectively, to the

Venezuelans awoke Friday to a major power outage in the capital, Caracas, and several states. President Nicolas Maduro's

In addition, Venezuela's recovery from economic collapse and its return to growth - as well as its future economic

In an effort to conserve electricity, the Venezuelan government has instituted rolling blackouts and instituted a two

In 2023, Venezuela's electricity consumption is primarily derived from low-carbon sources, with more than

Venezuela has experienced a marked deficit in the generation of electrical energy. The immediate cause of

Having enough electricity is key to the nation's post-Maduro recovery. Two experts offer a way forward.

Electricity generation in Venezuela has been on a mostly downward trend since 2013,

Venezuela did not import electricity. Power generation, which includes electricity and heat, is one of the largest sources of CO2

The energy crisis that has plagued Venezuela for years continues to leave much of the

Energy system of Venezuela The Venezuela Plan for the National Electric System aims to integrate renewables in the power system

Energy in Venezuela is dominated by fossil fuels, particularly oil and natural gas, while hydropower plays a major role in the



Venezuela electricity

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