Venezuela electricity rates

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Venezuela electricity prices. The residential electricity price in Venezuela is VEF 1.093 per kWh or USD 0.046. The electricity price for businesses is VEF 1.283 kWh or USD 0.053. These retail prices were collected in March 2024 and include the cost of power, distribution and transmission, and all taxes and fees.

Venezuela fuel prices, electricity prices. The table below shows the most recent prices per liter of octane-95 gasoline, regular diesel, and other fuels. These are retail (pump) level prices, including all taxes and fees. The information is updated weekly. The next table shows the electricity rates per kWh.

The electricity sector in Venezuela is heavily dependent on hydroelectricity, which accounted for 64% of the nation"s electricity generation in 2021. Besides hydroelectric power, Venezuela also relies on natural gas and petroleum, contributing 25% and 11%, respectively, to the total electricity output that year.

Venezuela"s electricity generation peaked at 120 billion kilowatthours (kWh) in 2013 after rising steadily for over three decades. Since then, Venezuela"s electricity generation has decreased by an average annual rate of 2% between 2014 and 2021, reaching 95 billion kWh in 2021 (Figure 13).

,2021 64%?,Hidroeléctrica Guri?2021,25%11%?CORPOELEC,,,201312002021950? 2019 ...

The electricity sector in Venezuela is heavily dependent on hydroelectricity, which accounted for 64% of the nation"s electricity generation in 2021. Besides hydroelectric power, Venezuela also relies on natural gas and petroleum, contributing 25% and 11%, respectively, to the total electricity output that year. The country operates six hydroelectric plants, totaling a capacity of 16,010 megawatts (MW), with the Central Hidroel?ctrica Guri in Orinoco being the most significant, accounting for 64% of Venezuela"s hydroelectric capacity. This reliance on hydroelectricity highlights the grid"s vulnerability to fluctuations in water availability.[1]

From 1980 to 2000, Venezuela"s electricity consumption almost tripled from about 30 to 88 terawatt hours (TWh), primarily met through hydroelectric expansion, while thermal capacity stayed flat. By 2002/03, electricity theft and drought-induced shortfalls led to a mid-2000s policy shift towards enhancing thermal plant capacity, which nearly doubled. Despite the regional trend towards solar and wind energy since 2015, Venezuela"s efforts to establish wind energy, with a projected 50 MW capacity, failed to result in operational facilities.[6]

Hydroelectricity production is concentrated on the Caron? River in Guayana Region. Today it has 4 different dams. The largest hydroplant is the Guri dam with 10,200 MW of installed capacity, which makes it the third-largest hydroelectric plant in the world.[13] Other hydroelectric projects on the Caron? are Caruachi Dam, Macagua I, Macagua II and Macagua III, with a total of 15.910 MW of installed capacity in

2003. A new dams, Tocoma (2 160 MW) and Tayucay (2 450 MW), was under construction between Guri and Caruachi in 2003. With a projected installed capacity for the whole Hydroelectric Complex (upstream Caroni River and downstream Caroni River), between 17.250 and 20.000 MW were planned for 2010.

The national transmission system (Sistema Interconectado Nacional, SIN) is composed by four interconnected regional transmission systems operated by EDELCA, CADAFE, EDC and ENELVEN-ENELCO. Oficina de Operaci?n del Sistema Interconectado (OPSIS), jointly owned by the four vertical integrated electric companies, operate the SIN under an RTPA[clarification needed] regime.[15]

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