

Is outdoor power available in Guatemala City





Overview

What is Guatemala's energy source?

This page is part of Global Energy Monitor 's Latin America Energy Portal. In 2018, Guatemala derived 57.43% of its total energy supply from biofuels and waste, followed by oil (29.54%), coal (7.68%), hydro (3.22%), and other renewables such as wind and solar (2.12%).

How much electricity does Guatemala have?

As of 2020, Guatemala had 4110 MW of installed electrical capacity, based primarily on hydro power (38.38%), fossil fuels (30.36%), and biomass (25.20%). Other renewable sources represented a much smaller percentage of capacity, including wind (2.61%), solar (2.25%) and geothermal energy (1.20%).

Is biomass a source of electricity in Guatemala?

Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important source in lower-income settings. Guatemala: How much of the country's electricity comes from nuclear power?

Nuclear power - alongside renewables - is a low-carbon source of electricity.

How is electricity regulated in Guatemala?

Guatemala's electricity industry is regulated by the General Electricity Act (Ley General de Electricidad) and the CNEE (Comisión Nacional de Energía Eléctrica). The DGH (General Direction of Hydrocarbons) regulates the hydrocarbon sub-sector.



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ENERGY PROFILE Guatemala

Onshore wind: Potential wind power density (W/m²) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area ...

Guatemala , Country Energy Information

Guatemala, located in Central America, is known for its rich cultural heritage and diverse landscapes. The country primarily uses Type A and Type B power plugs, which are compatible ...

Guatemala

Dec 4, 2025 · Guatemala has 61 power plants totalling 2,724 MW and 2,622 km of power lines mapped on OpenStreetMap. If multiple sources are listed for a power plant, only the first ...

Guatemala: Energy Country Profile

Guatemala: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page ...

Energy sector in Guatemala

Jan 1, 2025 · Renewable energy in Guatemala Guatemala is a country with great potential and business opportunities due to its strategic geographic location and a wide variety of economic ...

Guatemala Outdoor Power Supply Solutions Reliable Energy ...

Meta Description: Explore Guatemala's growing demand for outdoor power supply systems. Learn about solar-integrated solutions, industry trends, and reliable providers like EK SOLAR to meet ...

Energy profile: Guatemala

1 day ago · Guatemala's policy for rural electrification focuses on renewable energy sources such as solar PV, wind, small hydroelectric plants, and hybrid power plants. [20][21] National ...

How much is the price of outdoor power supply in Guatemala

Guatemala electricity prices The residential electricity price in Guatemala is GTQ 0.000 per kWh or USD . These retail prices were collected in September 2024 and include the cost of power, ...

Guatemala

Oct 13, 2025 · Electricity is primarily used for heating, cooling, lighting, cooking and to power devices, appliances and industrial equipment. Further electrification of end-uses, especially ...



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