

Title: Suriname electricity generation

Generated on: 2026-05-11 05:42:32

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How much electricity does Suriname generate?

Suriname is navigating a challenging phase in its energy transition. As of 2024, approximately 48% of the country's electricity was generated from hydropower (754.5 GWh), with the remainder supplied by heavy fuel oil-based power plants.

What is the most important energy source in Suriname?

The most significant energy source in the country is considered to be hydro-electricity, which was used in 2010 to supply 95% of its electricity generation . Notably, around 26% of Suriname's total energy supply is generated through Lake Brokopondo's hydropower system .

Does Suriname have a strong renewables sector?

According to the graphs and reports from International Energy Agency (IEA) and International Renewable Energy Agency (IRENA), Suriname does not have a strong renewables' sector at the moment. The country's production of electricity comes mainly from hydro power.

Where does Suriname's Electricity come from?

The country's production of electricity comes mainly from hydro power. According to the International Hydropower Association (IHA)'s 2017 report on global hydropower status, Suriname ranks as the 11th country in South-America in terms of installed capacity with 189MW in 2017 .

The data and information that are available in the ERC were mostly provided by the government ministries, agencies, and departments, that have responsibility for statistics and planning, in general, ...

Suriname's power sector consists of a number of individual power systems, of which some are interconnected [5]. In the region of Paramaribo, electric power is supplied by means of: 180MW of ...

Objective: Guide the sustainable development of the power sector and ensure a reliable supply of electricity over a 20-year long-term strategic view, with a 5-year action plan

Official and up-to-date data of Suriname for all years of statistics, in an easy-to-read format. Analysis of electricity generation with advanced tools for comparisons, trends, shares, and various metrics.

This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. The information included in this ...

Suriname's electricity mix includes 56% Unspecified Fossil Fuels, 42% Hydropower and 1% Gas. Low-carbon generation peaked in 1993.

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Historically, the average for Suriname from 1980 to 2023 is 1.54 billion kilowatthours. The minimum value, 0.67 billion kilowatthours, was reached in 1987 while the maximum of 2.14 billion kilowatthours ...

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