

Suriname Power Plant Power Generation



Overview

What is the power system in Suriname?

Suriname's power sector consists of a number of individual power systems, of which some are interconnected. In the region of Paramaribo, electric power is supplied by means of: 180MW of hydroelectric power, supplying about 75% of the energy, and 66MW of diesel generation. Suriname's independent power systems are listed below:

How much electricity does Suriname generate?

As of 2020, 52.9% of Suriname's electricity was generated from fossil fuels, 46.7% from hydro power, and 0.4% from solar energy. Suriname aims to keep its share of electricity from renewable sources above 35% by 2030, according to the country's updated NDC (Nationally Determined Contribution) plan.

What is the Energy Authority of Suriname?

2016 The Act established the Energy Authority of Suriname for the regulation of the electricity supply sector and introduced renewable energy tenders allowing for the marketisation of renewable energy. 3. Includes a specialisation in sustainable energy management.

What is the energy plan of Suriname?

2017 The Plan provides a framework for the policy programs and measures (inclusive of energy policies) between 2017 to 2021. 2016 The Act established the Energy Authority of Suriname for the regulation of the electricity supply sector and introduced renewable energy tenders allowing for the marketisation of renewable energy. 3.

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.

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 .

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