

# **Guyana Energy Storage Container Power Station Effect**





## Overview

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When did Guyana re-commissioned a power station?

In 1969, the Government of Guyana re-commissioned the station where the power was transmitted to serve the Guyana National Service Camps at Tumatumari and Konowaruk. The development included an embankment dam, a concrete overflow dam, and a 2-unit powerhouse with an installed capacity of 1500 kW using (2 X 750 kW Francis turbines).

How many hydropower sites are there in Guyana?

The hydropower plant will add additional capacity to the grid to meet the town's growing demand which currently ranges from 2 MW to 3 MW. The following is a summary of 67 potential hydropower sites in Guyana. The following is a list of hydropower studies available at the resource centre of the Guyana Energy Agency.

Is Kato a potential hydropower site in Guyana?

Under the Unserved Areas Electrification Programme, the Hinterland Electrification component, Government of Guyana is currently seeking funding to conduct a feasibility study for the Kato site which has a potential of 3 MW. Below is a map depicting the location of potential hydropower sites in Guyana.

Is Guyana a potential power producer?

The potential power to be produced is intended for export from Guyana to Brazil and in the future as a Phase 2 project to Trinidad & Tobago. An MOU was signed in February 2007 with Guyana Goldfields Inc. for a period of two years to conduct a feasibility study.

What are the main objectives of the Guyana climate plan?

The main objectives of the plan are to create a climate resilient economy and to establish a green pathway for the foundation of a new Guyana, which will



result in reducing the overall carbon footprint in electricity, agriculture, fisheries, water, forestry, waste, manufacturing, transport, construction, tourism and other sectors.



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