

Solar Storage Container Solutions

High quality lfp powerstation in Guyana



Overview

Which hydropower projects are being implemented in Guyana?

Guyana is currently implementing three small hydropower projects: a 150kW in Kato, the rehabilitation of Moco-Moco hydropower site, which would increase the capacity up to 0.7MW and a new 1.5MW hydropower plant in Kumu. Moco-Moco and Kumu hydropower projects will provide energy to Lethem grid.

Can hydropower provide Guyana with utility-scale and small-scale capacity?

Hydropower has the potential to provide Guyana with both utility-scale and small-scale capacity. Small-scale is discussed under “Isolated Grids” below. Guyana has a potential for 8.5 Gigawatt (GW) of hydropower on 33 hydropower plants (including storage capacity and run-of-river).

What is a small-scale hydropower project in Guyana?

Small-scale is discussed under “Isolated Grids” below. Guyana has a potential for 8.5 Gigawatt (GW) of hydropower on 33 hydropower plants (including storage capacity and run-of-river). It is anticipated that Guyana will build two hydro plants over the next 20 years: Amaila Falls and another which is still to be identified.

Is afhp a good option for Guyana?

In 2016, the APNU/AFC Government, with support from Norway, hired an independent consultant (Norconsult) to review the project. The report, published in December 2016, recommended the development of AFHP as the best option for Guyana to achieve affordable, low-carbon electricity.

Who owns afhp project in Guyana?

In 2007, Sithe Global entered as a potential investor in the Project. The Government of Guyana and Sithe Global established a special purpose company, Amaila Falls Hydro Incorporated (AFHI), to develop the AFHP. The

AFHI, after a competitive bidding in 2008, selected China Railway as the Engineering, Procurement and Construction (EPC) Contractor.

What resources are available in Guyana?

In Guyana, solar energy, wind and hydropower are good complementary resources. Solar energy is available during daylight hours, peaking at noon, while wind is stronger during evening hours and at nights. Wind is lower during the wet seasons, while hydropower is fully available.

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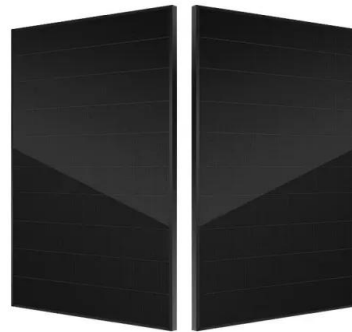
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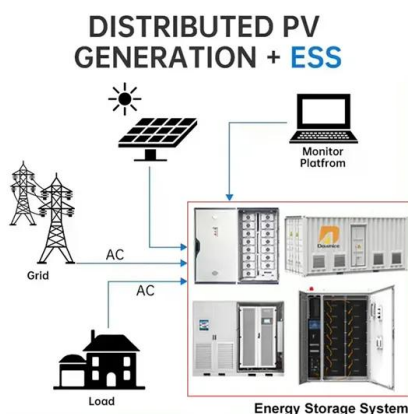
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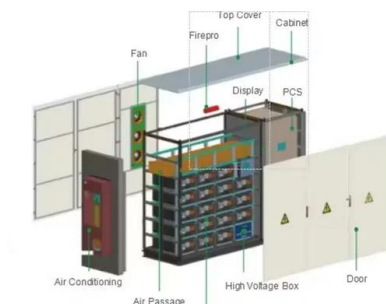


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