



# Guyana Mobile Energy Storage Station Grid Connection Cost Price

Does Guyana's power grid need to be modernized?

Guyana's power grid is in a severe state of disrepair and needs to be modernized. Approximately 26 percent of the power generated by GPL is lost due to inefficiencies in the 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).

Does Guyana have a potential for hydropower?

Guyana has significant potential for hydropower, like its neighbor Suriname which has successfully developed hydro power programs. Renewable energy is viewed as a potential solution by the GoG to reduce the cost of power and provide reliable electricity.

What does the Guyana Energy Agency do?

The Guyana Energy Agency is responsible for overseeing feasibility studies for the integration of renewable energy programs in Guyana and has regulatory oversight over certain aspects of the energy industry, in addition to the Ministry of Public Works.

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 offshore wind a viable option in Guyana?

Guyana's geographic location makes offshore wind a viable alternative for renewable energy production. However, current regulatory hurdles are likely to stymie investment in this technology in Guyana.



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