

PROJECT FACT SHEET

THE RIVIERE GLACE HYDROELECTRIC PROJECT

GENERAL

The Riviere Glace is located in the Grande Anse Department of Haiti. This river runs from the La Hotte mountain range to a land lock depression.

A preliminary study was performed to estimate the potential power and energy generating capacity of Riviere Glace. A run-of-the-river design was selected as a solution for the maximum power output of 2,744 KW.



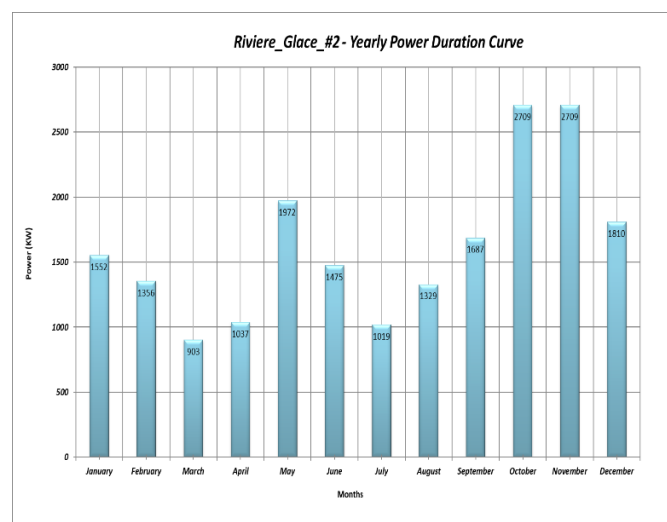
Riviere Glace

At the potential diversion dam location set at elevation 712 meters, the tributary basin area is 29 KM², and the minimum flow is evaluated at 0.382 m³/s, while the maximum flow is evaluated at 1.441 m³/s. The project design flow is 1.302 m³/s. The site available gross head is 285 meters. The project could be subdivided into two cascading installations to minimize the cost associated with the penstock.

This project intends to generate electricity for the Sud Department, develop Haiti's natural resources, and capitalize on the energy market.

DESIGN DATA

Dam Type:	Reinf. Concrete
Dam Crest Elevation:	712 meters
Penstock Length:	5,412 meters
Penstock Diameter:	0.750 meter
Power House Elevation:	427 meters
Turbine Type:	PELTON
Number of Turbine:	2
Design Flow:	1.302 m ³ /s
Maximum Power:	2,744 KW
Average Power:	1,646 KW
Minimum Power:	903 KW
Energy Generation:	14,423,582 KWH



Power Duration Curve by Month

PROJECT STATUS

The firm of SOLEO ENERGIES is seeking suitable investors to form a partnership and develop this site. For further information please contact us.