

PROJECT FACT SHEET

THE RIVIERE ACUL HYDROELECTRIC PROJECT

GENERAL

The Riviere ACUL is located in the South Department of Haiti. This river runs from the La Hotte mountain range to the Bay of Les Cayes.

A preliminary study was performed to estimate the potential power and energy generating capacity of Riviere Acul. A run-of-the-river scheme was selected as the most suitable. This facility could produce a maximum power output of 725 KW.



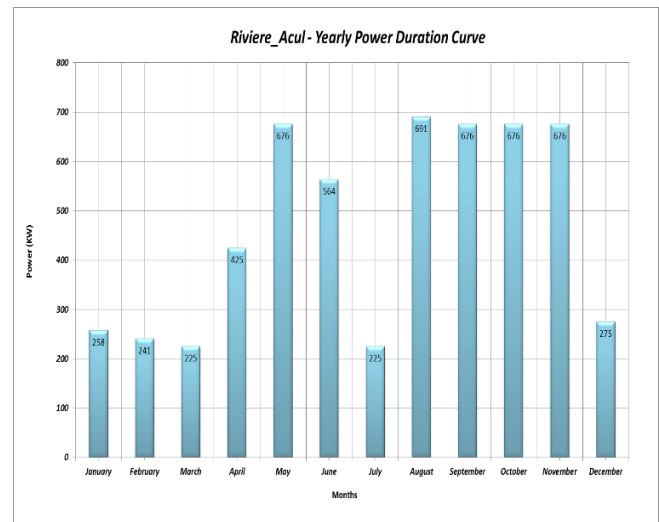
Riviere Acul

At the potential diversion dam location set at elevation 235 meters, the tributary basin area is 53 KM², and the minimum flow is evaluated at 0.750 m³/s, while the maximum flow is evaluated at 1.700 m³/s. The project design flow is 1.180 m³/s. The site available gross head is 80 meters.

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:	Tyrolean
Dam Crest Elevation:	235 meters
Penstock Length:	2,660 meters
Penstock Diameter:	0.900 meter
Power House Elevation:	155 meters
Turbine Type:	FRANCIS
Number of Turbine:	2
Design Flow:	1.180 m ³ /s
Maximum Power:	725 KW
Average Power:	599 KW
Minimum Power:	448 KW
Energy Generation:	5,248,896 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.