

PROJECT FACT SHEET

THE RIVIERE PICHON HYDROELECTRIC PROJECT

GENERAL

The Riviere Pichon is located in the Sud-Est Department of Haiti. This river runs from the La Selle mountain range to the Caribbean Sea near the small city of Belle Anse.

A preliminary study was performed to estimate the potential power and energy generating capacity of Riviere Pichon. A run-of-the-river design was selected as a solution for the maximum power output of **5,339 KW**. At the potential diversion dam location set at elevation 597 meters, the tributary basin area is 22 KM², and the minimum flow is evaluated at 0.147 m³/s, while the maximum flow is evaluated at 1.486 m³/s. The project design flow is 0.9895 m³/s. The site available gross head is 770 meters.

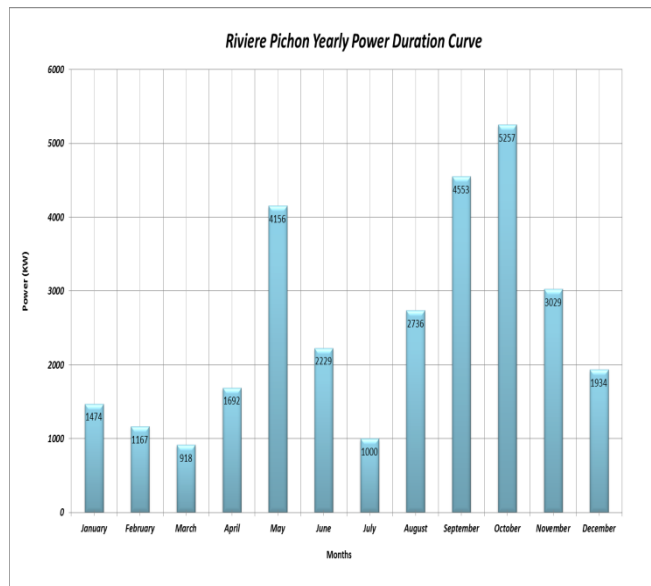
This project intends to generate electricity for the Sud-Est Department, develop Haiti's natural resources, and capitalize on the energy market.



Riviere Pichon Waterfall

DESIGN DATA

Dam Type:	Reinf. Concrete
Dam Crest Elevation:	870 meters
Penstock Length:	6,300 meters
Penstock Diameter:	0.610 meter
Power House Elevation:	100 meters
Turbine Type:	PELTON
Number of Turbine:	2
Design Flow:	0.9895 m ³ /s
Maximum Power:	5,339 KW
Average Power:	2,602 KW
Minimum Power:	918 KW
Energy Generation:	22,798,691 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.