

## PROJECT FACT SHEET

### THE RIVIERE BLANCHE HYDROELECTRIC PROJECT

#### GENERAL

The Riviere Blanche is located in the Sud-Est Department of Haiti. This river runs from the La Selle mountain range from the pine forest of Seguin at La Visite National Park to the Caribbean sea near the small city of Marigot.

A preliminary study was performed to estimate the potential power and energy generating capacity of Riviere Blanche.



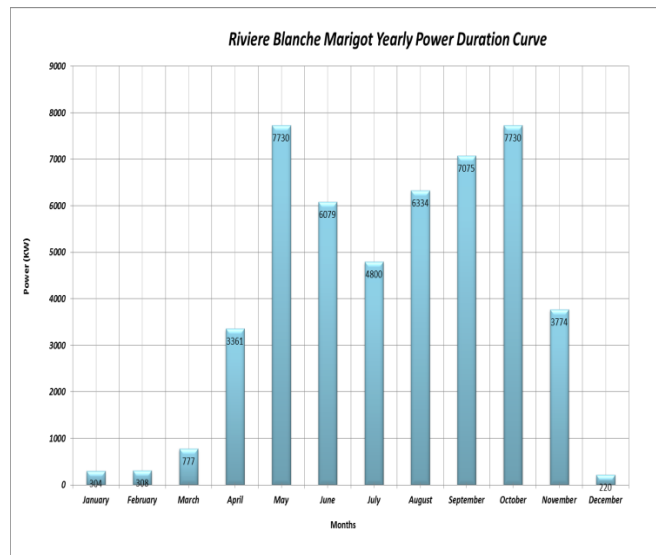
*Seguin Waterfall*

A run-of-the-river scheme was selected as the most suitable. This facility could produce a maximum power output of **7,730 KW**. At the potential diversion dam location set at elevation 915 meters, the tributary basin area is 18 KM<sup>2</sup>, and the minimum flow is evaluated at 0.020 m<sup>3</sup>/s, while the maximum flow is evaluated at 1.555 m<sup>3</sup>/s. The project design flow is 1.206 m<sup>3</sup>/s. The site available gross head is 835 meters.

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

#### DESIGN DATA

Dam Type:	Tyrolean
Dam Crest Elevation:	915 meters
Penstock Length:	6,620 meters
Penstock Diameter:	0.750 meter
Power House Elevation:	80 meters
Turbine Type:	PELTON
Number of Turbine:	4
Design Flow:	1.206 m <sup>3</sup> /s
Maximum Power:	7,730 KW
Average Power:	4,180 KW
Minimum Power:	220 KW
Energy Generation::	36,614,730 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.