

**BACKGROUND**

Barroca has 2.00 MW nominal installed power. It is located in Fundão (Portugal) and is commercial operated by Hidroeléctrica da Barroca, Lda a ENERSIS Group company.

**MAIN CHARACTERISTICS**

<b>Company</b>	Hidroeléctrica da Barroca, Lda
<b>Location</b>	Fundão
<b>Start-up Date</b>	2006
<b>Installed Power</b>	2.00 MW
<b>River</b>	Zêzere
<b>Useful Volume of Reservoir</b>	74,171 m <sup>3</sup>

**TECHNICAL CHARACTERISTICS**

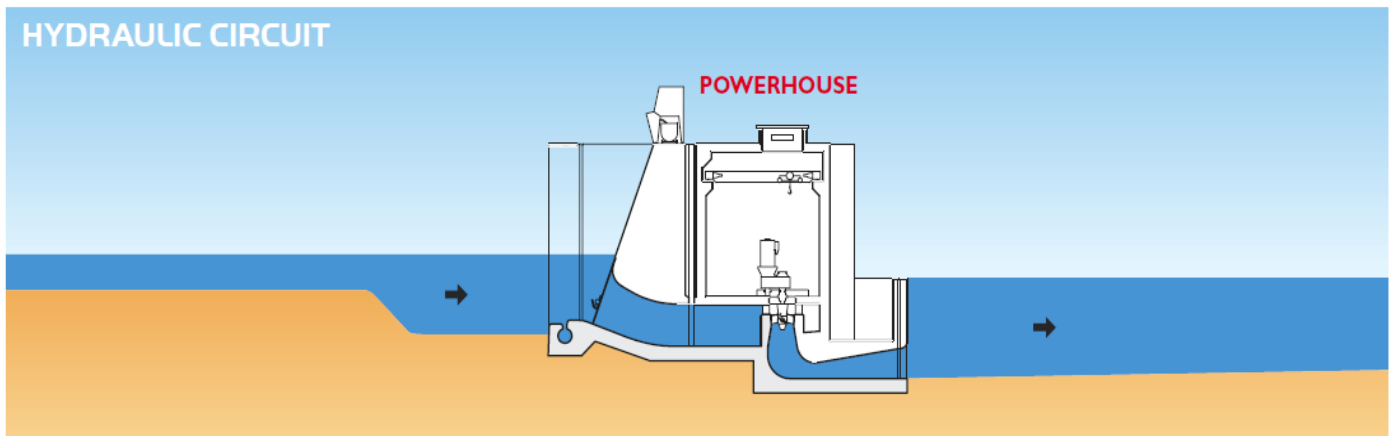
**TURBINE**

Nr of Turbines	2
Manufacturer	Gea - Orengine
Type	Kaplan
Gross Head	6,5 m
Flow Rate	2 x 16 m <sup>3</sup> /s
Rating	2 x 950 kW
Rotational Speed	275 rpm
Type of Isolation Valve	2

**GENERATOR**

Nr of Generators	2
Manufacturer	Marelli Motori
Type	Synchronous
Voltage	0,6 kV
Rating	2 X 1.165 kVA

**HYDRAULIC CIRCUIT**



**LAYOUT**

