



Carregal

6.4 MW Hydropower Plant, Portugal

Technical Data

Total installed capacity	6.4 MW
Turbine type	Pelton
Number of turbines	1
Modular flow	1.10 m ³ /s
Net head	266 m

Project Description

The Carregal hydropower plant is located in the municipality of São Pedro do Sul, in the district of Viseu, on the Teixeira River. The hydropower plant consist of a 750 rpm turbine, a 9 m high dam with a storage reservoir, followed by a 96 m tunnel, a 2.3 km penstock and a power house. The whole pipeline is buried in order to minimize any aesthetic or environmental impact.

Carregal started its operation in 1996 and was sold in 2011.

