



Country

France

Client

EDF - CIH

Date

2007-2012

Sogreah's services

- ▶ Working design studies and drawings for the dam
- ▶ Expert appraisal of sediment transport
- ▶ Design of hydromechanical equipment for the temporary diversion equipped with a sediment release gate

Description

Dam and ancillary structures

- Dam:
 - Type: roller-compacted concrete gravity structure (75 000 m³).
 - Maximum height: 40 m.
 - Crest length: 140 m.
 - Reservoir capacity: 1.2 Mm³.
- Feeder gallery 6 km long, 4 m in diameter.
- Power plant equipped with 2 x 26 MW Pelton turbines.
- Flood spillway: 3 sluices with a fixed weir, each 17 m long.
- 5 m diameter diversion gallery equipped with a sediment release gate.
- Mid-level outlet, 1.8 m diameter lined shaft through the dam.
- 30 m high intake tower with an offtake capacity of 15 m³/s.