

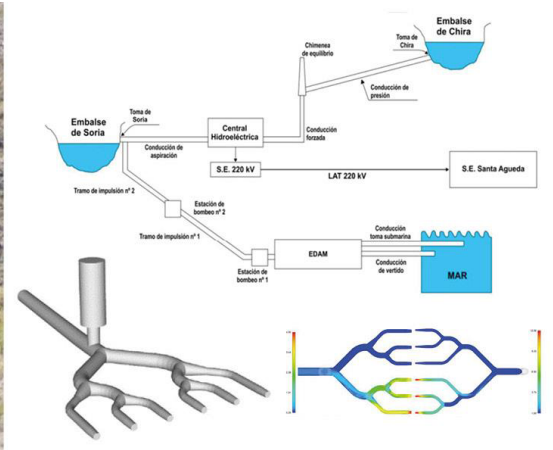


CHIRA-SORIA Pumped storage Hydroelectric PowerPlant

Canary Islands, Spain / 2023-2028

Characteristics
Owner
Client
Constructor
Scope

Pumped storage Hydroelectric PowerPlant
Red Eléctrica España
Red Eléctrica España
UTE Chira-Soria (Dragados – Cobra Infraestructuras Hidráulicas–OSSA)
Property Engineering of Principal Contracts



The Chira-Soria reversible pumped-storage hydroelectric power plant is an energy storage facility that features two water reservoirs at different elevations. Chira is the upper reservoir, while Soria is the lower one.

During periods of low electricity consumption, water is pumped from the lower reservoir to the upper one, where it is stored and available for subsequent turbination during periods of higher energy demand. The plant will have a turbination capacity of 200 MW, generated by six Francis turbines installed in a cavern located 400 meters underground.

FHECOR is responsible for the Owner's Engineering of the Chira-Soria pumped-storage hydroelectric power plant for Red Eléctrica, overseeing all aspects related to the design and execution supervision of the civil works of the plant. The activities carried out include:

- Analysis of administrative and reference technical projects.
- Supervision and control of the execution of works.
- Technical assistance to the Client during the design and construction phases.
- Preparation of technical reports and project progress reports.
- Assistance in project planning and cost control.
- Assistance in the supervision and control of compliance with the Contractor's Quality Plan.
- Supervision and validation of the As-Built Project.



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