

Castelo do Bode

Castelo do Bode is one of the most important Portuguese dams. Part of a set of dams on the Zêzere river basin in the center of Portugal, it is located downstream of the Bouçã dam and within the limits of the municipalities of Tomar and Abrantes, in the district of Santarém.

This project guarantees the water supply to approximately 2,5 million inhabitants in the Lisbon region, as well as electricity generation, flood protection and multiple recreational activities such as eco-tourism, windsurfing, sailing, rowing and sport fishing.

Source: website: <http://castelodebode.blogspot.pt/>; AdP

Dam



- Height: 115 m
- Dam length: 124 m
- Total capacity: 1 095 hm³
- Full storage level: 121 m (AMSL)
- Minimum operating level: 81 m (AMSL)
- Usable capacity: 900 hm³
- Water surface: 33 km²
- Reservoir length: 59 km

Asseiceira Water Treatment Plant



- Comprises:
 - Line 1 – 500 000 m³/day
 - Line 2 – 125 000 m³/day
- Annual production capacity: 160 million m³

Hydroelectric Power Station



- Installed capacity: 159 MW
- Average annual production: 396 GWh