

OKINAWA SEA WATER PUMPED STORAGE

Japan



General View of the Project

DESCRIPTION

Japan is surrounded on all sides by the sea, and its topography offers favorable conditions for constructing seawater pumped storage power stations.

EPDC started the feasibility study of the project in 1987 and plans to commence operation in June 1992.

CAD (Computer Aided Design) has been effectively utilized in the course of the study.

An upper regulating pond of excavated type is to be made at around an elevation of 150m, approximately 600m from the shoreline. The water(27m³/s) would be conducted by a tunnel from an intake and be discharged from the outlet into the sea.



NAME OF CLIENT:

Electric Power Development Co., Ltd.(EPDC)

CAPACITY: 30MW

SERVICES:

Feasibility Study & Detailed Design (January, 1987-June,1989)

Construction Supervision(July,1989-)

EPDC