

OKUKIYOTSU No.2

Japan



General View of Project

DESCRIPTION

Okukiyotsu No.2 enlarged the existing Okukiyotsu pumped storage power plant from 1,000MW to 1,600MW. This project uses two existing dams



without any modification. The new waterway such as intake, headrace tunnel, surge tank, penstock, tailrace tunnel, another surge tank and outlet were installed in the layout almost paralleled with existing waterway. The powerhouse is located downstream of the lower reservoir adjacent to the existing powerhouse. This project has two generators; one is of conventional type of 429 rpm and the other has adjustable speed machine from 407 rpm to 450 rpm.

NAME OF CLIENT:

Electric Power Development Co., Ltd.(EPDC)

CAPACITY: 600MW

SERVICES:

Feasibility Study (October, 1990-March,1992)

Detailed Design (April,1992-September,1992)

Construction Supervision(October, 1992-June,1996)

