

# KUROMATA NO.2

Japan



General View of the Project

## DESCRIPTION

This project adopted an asymmetric dome type arch dam style structure in order to minimize both excavation of the rock foundation and placement of concrete. The dam design was proceeded utilizing a

large-size computer in combination with experiments on small-scale models. Software was developed to maximize the use of the large-size computer, which was not yet generally used in Japan in those days. The project plan was a pumped storage power station, but the variation in head was large, the lowest being 50% of the highest. Considering the application as Pumping equipment, a Deriaz type pump turbine, the largest in Japan, was adopted for better turbine efficiency under partial load.



## NAME OF CLIENT:

Electric Power Development Co., Ltd.(EPDC)

## CAPACITY: 17MW

## SERVICES:

Feasibility Study & Detailed Design(1957-1960)

Construction Supervision(June,1961-December, 1964)

**EPDC**