

# NUKABIRA

Japan



General View of the Project

## DESCRIPTION

Since 1952 EPDC has completed 7 Hydroelectric Power Projects in the Tokachi River Basin, with total installed capacity of 187.9MW.

The Nukabira Project, which is a major project of the Tokachi River, consists of constructing a con-

crete gravity dam with a height of 76m. Discharge of  $45\text{m}^3/\text{s}$  produces the maximum output of 42MW, utilizing the effective head of 110.4m.

Around the project site, the climate is extremely severe in winter and excavation of the dam foundation had to be carried out on frozen ground at about  $-30^\circ\text{C}$  of temperature.



## NAME OF CLIENT:

Electric Power Development Co., Ltd.(EPDC)

**CAPACITY:** 42MW (21MW x 2)

## SERVICES:

Feasibility Study & Detailed Design (September, 1952-June,1953)

Construction Supervision(July,1953-August, 1956)

**EPDC**