

Ujjani Hydroelectric Project



Ujjani Hydroelectric Power Station

Outline of Loan Agreement

Loan Amount / Disbursed Amount	1,500 million yen / 1,312 million yen
Loan Agreement	November 1985
Terms & Conditions	Interest rate 3.25% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	May 1995

Project Outline

A storage-pumped hydroelectric power plant (12MW) was constructed using water from the existing dam at Ujjani in Maharashtra State, western India, in order to electrify irrigation pumps and to meet increased demand for electricity in the region.

Results and Evaluation

A lower reservoir at a point of 900m downstream from the Ujjani Dam, which generates electricity using water pumped from the lower reservoir.

The scope of the plan was modified and additional construction works undertaken because the ground at the site had been proved to be weaker than predicted, and flooding during the rainy season also delayed the implementation of civil works. Accordingly, the power plant became operational in May 1994, some four years behind the original schedule.

Although it was difficult to sufficiently utilize excess water from the Ujjani Dam during this time, the output of electricity has exceeded the target level since 1997, when full-scale commercial operation commenced, and the plant has been contributing to the stable electricity supply in the surrounding regions, and particularly to meeting the peak demand.

Maharashtra State Electricity Board (MSEB) is responsible for the operation and maintenance of the plant, whilst Maharashtra State Irrigation Department (MSID) is responsible for the Ujjani Dam, drainage canals, etc. Flooding in 1995 and 1997 resulted in damage to the drainage canal, lower reservoir, and so on. However, the facilities have subsequently been rehabilitated and regular inspections and maintenance are being conducted systematically.