

Kuri I 1125MW

Location : Bhutan

Client : Druk Green Power Corporation Limited (A Royal Government of Bhutan Enterprise)

Project Overview :

Kuri - I Hydroelectric Project is a Run-of-the River scheme with diurnal storage and is located in Mongar Dzongkhag in Eastern part of Bhutan.

Main Components of the Project :

- Concrete Gravity Dam of height 137.0 m and length of 230 m at the Top.
- 2 diversion tunnels, each of 11.0 m diameters and average length of 850 m
- an upstream coffer dam of 28.5 m height
- 31 m dia open surge shaft, 11.0m diameter concrete lined circular shaped head race tunnel
- 03 steel lined pressure shafts of 5.5 m diameter, each of about 250.0m long.
- An underground powerhouse with 6 vertical Francis turbines of 187.5 MW capacity each,
- 02 nos. of tail race tunnels of 8.0m diameter

Our Role :

EIPL provided Consultancy services for Design & Engineering of the Project as part of the preparation of Detailed Project Report.

EIPL's Scope of Work included :

Review of Survey & investigation works done by DGPC and Preparation of bankable Detailed Project Report (DPR).