



ANJAW HYDROELECTRIC PROJECT

CLIENT:

Lohit Urja Power Pvt. Ltd.

LOCATION:

Anjaw District, Arunachal Pradesh, India

SCOPE OF SERVICES:

AEMPL engaged to provide Engineering Consultancy Services for preparation of Detailed Project Report (DPR), Tender Design and assistance in award of EPC Contract of 270 MW Anjaw HE Project, Arunachal Pradesh.

PROJECT DESCRIPTION:

The proposed project site is 335 km away from Dibrugarh which is nearest airport. The barrage site is located upstream of confluence of River Lohit & River Dau and surface Powerhouse is located on right bank of Lohit River at about 70 m downstream of the barrage.

The average river bed level at the dam site is about EL 550.00 m and FRL at the dam has been proposed at EL 580.00 m. The project consist of 30.0 m high barrage of length 415 m, 7 nos. of 7 m dia. penstocks of length of about 50 m, surface powerhouse having 7 units of 38.5 MW. The project would generate 1146 MU in 90% dependable year.

The following works have been completed by M/s Aquagreen Engineering Management Private Limited for the Pre-Feasibility Report (PFR):

- Hydraulic computations for Spillways and River Diversion Arrangement
- Power Potential Studies
- PFR Stage Civil drawings for Barrage, Diversion Arrangement, Water conductor system and Powerhouse
- Hydro Mechanical Design & Drawings – PFR Stage.
- Electro Mechanical Design & Drawings – PFR Stage
- Technical Replies to the MoEF/EAC/CEA/CWC /GSI comments/observation on the submitted PFR.