



KHUITAM HYDROELECTRIC PROJECT

CLIENT:

Adhishankar Power Private Limited

LOCATION:

Arunachal Pradesh, India

SCOPE OF SERVICES:

AEMPL engaged to provide engineering consultancy services for preparation of Detailed Project Report and Tender Design for Khuitam HE Project

PROJECT DESCRIPTION:

Khuitam Project is located across Gang River, a tributary of Bichom River in West Kameng District of Arunachal Pradesh. The project consists of a 19 m high diversion structure (barrage) about 12.26 km downstream of Rahung village and a Surface Power House site is located upstream of Selari Village with an installed capacity of 3 x 22 MW. The studies carried out by AEMPL includes:

- Project layout optimization for techno-economics
- Hydrological studies including water availability, design flood and diversion flood studies by various methods by obtaining data from IMD and CWC etc.
- Power optimization studies for determining installed capacity of the Project
- Providing assistance in topographical survey, site investigation, geo-mapping etc
- Assisi in obtaining clearance from statutory authorities for clearance from various departments
- Preparation of DPR stage design, drawings and quantity estimation for all the Project components including Civil, Hydro-Mechanical and Electro-Mechanical works.
- Detailed cost estimate of the project for Civil, H-M and E-M works