

Brief Summary of the Project

1. Kamala Hydroelectric Project (formerly Subansiri Middle Hydroelectric Project) is proposed for development on Kamla river. The project is located just upstream of Tamen village in Lower Subansiri District in Arunachal Pradesh; Tamen is about 55km from Ziro, the district headquarter.
2. The project is conceived as a multipurpose project with the twin objectives of power generation and flood moderation. To meet these objectives a 216m high concrete gravity dam is envisaged which is designed to provide storage for power generation and is also provided with a 15m exclusive cushion above the full reservoir level to facilitate flood moderation.
3. The main power plant, comprising eight generating units of 216 MW, each, will be housed in an underground cavern located in the left bank about 500m downstream from the dam. Two additional generating units of 36 MW each are proposed in a dam toe surface powerhouse on the right bank. These units will utilize the mandatory environmental release from the dam. The total installed capacity of the project is 1800 MW - 1728 MW in the underground powerhouse and 72 MW in the surface powerhouse.
4. The total land to be acquired for the project is 3279 ha. The permanent and temporary land acquisition is 3163 ha and 116 ha respectively. The land to be acquired for the project shall include private, government and forest land as well.
5. The Project construction is likely to last for 7.5 years. The peak manpower strength likely to be employed during project construction stage is estimated about 3000 Nos. Based on experience of similar projects, the increase in the population as a result of migration may be of the order of 12000.
6. During the operation phase only a small number of staff, about 220 persons will be residing in the project colony proposed to be developed.