

IB-IRRIGATION PROJECT

The Ib irrigation project was proposed near village Katingdihi in Sundargarh district. The Latitude & Longitude of the dam site are 22°-12'N & 84°-6'-E respectively. The nearest railway station is at Rourkela. This project contemplates to provide irrigation to a CCA of 1,06,279 ha, flood control, drinking water supply and Industrial demand. The catchment intercepted at the dam site is 787.00 Sq.km. This project has been cleared by CWC. Due to construction of this project at FRL 272.50 m, 10 Nos. of village will be fully submerged, 16 nos. will be partially submerged affecting population and 4 nos. partially submerged without affecting any population.

To reduce the submergence of no. of village, it is proposed to keep the FRL to 272.50 m. It also provides an Ogee shaped spillway of length 695 m with 38 nos. of gates each 15.55 x 10 m size to pass the design flood 2267 Cumecs.

Rainfall in this basin is mainly from June to October. The maximum rainfall is 1971 mm & minimum rainfall is 875 mm. Mean rainfall is 1263 mm.

