

Objectives Of the Chheligada Irrigation Project

The Chheligada Dam Project is a multipurpose medium project being under taken across river Badjhore, a tributary of river Vansadhara near village Chheligada (i.e latitude 19°-12'-00"N, longitude 84°-16'E) of Udayagiri Block in Paralakhemundi Sub-Division of Gajapati District. It was considered techno economically viable by Central Water Commission, New Delhi and clearance was accorded by TAC of CWC, New Delhi in the year 2001, vide TAC 13 of 2000-2001.

The Project envisages construction of 250m long & 30m high dam across river Badjhore with central spillway. The impounding water of Chheligada Reservoir will be diverted through an open cut and a tunnel to Ghodahada River of Rushikulya Basin to supply 1.0 cumec of drinking water to Berhampur town. The water of Chheligada Reservoir is proposed to be diverted by a pick-up-weir near village Dekli on the up stream side the existing Ghodahada Reservoir with a Head Regulator and will be fed in to the up stream of the existing Ramanadi Anicut in an open lined channel of 9.50 Km length .the water will be let into the existing Ramanadi main canal (5.22Km) and extension canal (new) 9.345Km. and will provide annual irrigation to new Ayacut of 3800 Ha. with irrigation intensity of 104% (Khariff-95%,Rabi-7%) .The project also envisages mini hydel schemes at three locations taking advantages of the natural drops in the river bed of Ghodahada to generate 35 MW of electricity in stages.

The administrative approval to the project has been accorded by Department of water Resources, Government of Orissa, vide letter no .20926 dated 01.07.2005 for Rs. 78.73 crores revised at 2004 price level and the B.C. ratio was 1.63. The revised estimated cost for the project as per scheduled of rate -2007 is Rs. 207.01crores. The revised B.C. ratio is 2.77. Central Water Commission, New Delhi has approved the revised cost in 92nd TAC held in New Delhi on 27.02.2008 and it has been communicated vide Lr. No. 16/27/2008.- PA(N)/364/95 dated 12.03.2008. Concurrence from state finance Department for the revised cost of Project has been obtained on 27.02.2008 and it has been communicated vided Lr. No.6966 dated 27.02.2008. As per revised approval, the cultural command Area (C.C.A) has been proposed to be increased from 3000Ha. to 3800Ha.

