

Justification of the Project

BRIEF REPORT ON SATDHARU MEDIUM IRRIGATION PROJECT

Satdharu Medium Tank project is proposed to be constructed on river Satdharu, a tributary of river Byarma which finally joins river Ken. The Ken river is a tributary of Yamuna river. The project is situated in Damoh Block of Damoh District and is 20 Kms from District Headquarter. The Satdharu dam envisages construction of 24.80m high and 755 m long earthen dam including 64.50m long side channel spillway on river Satdharu near village Badyau of Damoh District of Madhya Pradesh. It is designed to store 63.03 M Cum live storage of water to provide irrigation to command area of 7555 Ha (CCA) (GCA 11623 Ha) through a well planned network of pressurized pipe irrigation network. A provision of 3.00 M Cum for upstream use, 24.03 M Cum for Irrigation and 26.46 M Cum for Domestic water supply for Damoh and adjacent villages have been made in Satdharu Medium project. 9.54 M Cum is taken for Evaporation losses. There is no intercepted catchment area at Satdharu Dam site and full catchment i.e. 145.68 Sq.Kms entirely lies in State of Madhya Pradesh. Similarly entire submergence at FTL and MWL and full gross command area of 11623 Ha. lies in Madhya Pradesh.



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