

LOWER GOI PROJECT

Introduction :-

Lower Goi Irrigation Project is one of the 29 major projects identified in the Narmada Master Plan for implementation. The project site is about 21 km from Barwani on Khandwa Baroda Highway. The project on completion shall provide irrigation in an area of 13760 hectares of 51 villages of Anjad, Rajpur & Barwani Tehsils of Barwani district. The project shall provide irrigation benefits to 8202 families, out of which 751 families belong to schedule cast (9%), 4054 families belong to schedule tribe (50%) and remaining 3397 families (41%) belong to general category.

Salient Features :-

The project envisages construction of a 43.80 m high and 2226.50 m long composite gravity dam across the river Goi, a tributary of river Narmada near village Panchpula, with an estimated cost of Rs. 190.13 crores. The reservoir lake is spread over in an area of about 12.79 sq. km and creates a storage of 143.18 M Cum. 9 villages of Barwani district are partially affected from the submergence of the project. Out of total submergence of 1279.00 hectares of land getting submerged, 726.00 ha of private land, 553.00 ha of Govt. land is affected. 696 families to be displaced from the project are proposed to be rehabilitated in 6 villages namely Balkua, Talwada, Rehgun, Sajwani, Chikalia, Dhamnai as per State Rehabilitation Policy.

The principal parameters of dam are as follow :-

TBL	-	RL 303.60 M
MWL	-	RL 301.00 M
FRL	-	RL 300.00 M
Crest Level	-	RL 288.00 M
Canal sill level	-	RL 278.60 M
MDDL	-	RL 285.00 M
Dead Storage	-	30.94 M Cum.
Live Storage	-	112.24 M Cum.
Total storage	-	143.18 M Cum.
Radial Gates (No. x size)	-	10 No (13.50 x 12 m)
Design flood	-	14000 cumecs.

The project provides irrigation on right bank by canal net works as per details given here under :

Name of Canal	Length of			Irrigation	
	Main Canal	Distributaries	Minors & Sub minors	Benefited villages (No.)	Area (Ha.)
	←————— Km —————→				
Right Bank Canal	41.40	31.00	60.00	51	13760

Present Status :-

- The project is cleared from directorates of Hydrology, Irrigation Planning, Gates, Embankment, Canals, Concrete & Masonry Dam, Construction Machinery Consultancy, Foundation Engineering and Special Analysis, Cost Appraisal and Inter State Matters. Public hearing is conducted and subsequent environment clearance is under process with Govt. of India. Construction activities shall be started after investment clearance from planning commission.

Physical & Financial Progress :-

Physical :-

Pre construction activities are in progress.

Financial :- Expenditure up to November 07 is nearly Rs. 4.66 Cr.
