

MAN PROJECT

Introduction :-

Man Irrigation Project is one of the 29 major projects identified in the Narmada Master Plan for implementation. The project site is about 2 km from village Jeerabad located on Khalghat-Manawar-Amjhera district road and is about 22 km from Manawar. The project on completion shall provide irrigation in an area of 15000 hectares of 53 villages of Manawar, Gandhawani & Kukshi Tehsils of Dhar district. The project shall provide irrigation benefits to 7851 families, out of which 167 families belong to schedule cast (2%), 6878 families belong to schedule tribe (87%) and remaining 806 families (11%) belong to general category.

Salient Features :-

The project envisages construction of a 53 m high and 643 m long composite gravity dam across the river Man, a tributary of river Narmada near village Jeerabad, with an estimated cost of Rs. 176.75 crores. The reservoir lake is spread over in an area of about 11.11 sq. km and creates a storage of 145.03 M Cum. 17 villages of Dhar district are partially affected from the submergence of the project. Out of total submergence of 1111.30 hectares of land getting submerged, 725.50 ha of private land, 381.407 ha of Govt. land and 4.393 ha of Forest land is affected. 993 families displaced from the project have been rehabilitated in 4 rehabilitation sites namely Aamkheda, Junapani, Jeerabad & Kaisur as per State Rehabilitation Policy.

The principal parameters of dam are as follow :-

TBL	-	RL 301.00 M
MWL	-	RL 298.05 M
FRL	-	RL 297.65 M
Crest Level	-	RL 286.10 M
Canal sill level	-	RL 277.00 M
MDDL	-	RL 278.30 M
Dead Storage	-	17.16 M Cum.
Live Storage	-	126.87 M Cum.
Total storage	-	145.03 M Cum.
Radial Gates (No. x size)	-	9 No (12 x 12 m)
Design flood	-	10254 cumecs.

The project provides irrigation on both banks 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	16.27	25.29	68.17	34	10566
Left Bank Canal	10.92	26.75	35.23	19	4434
Total	27.19	52.04	103.40	53	15,000

Present Status :-

- The work on main dam including erection of radial gates is almost completed.
- The canal networks of both Right & Left Bank is almost completed.
- The irrigation from the Canal networks has been started as under :

Year	Actual Irrigation (Ha)	Remarks
2002-03	1700	Actual irrigation from left bank canal system from partial impounding of the reservoir due to construction of dam up to crest level.
2003-04	2100	
2004-05	3500	
2005-06	3800	
2006-07	8940	

Completion Schedule :-

The balance peripheral works like procurement & erection of stop log gates and canal works required in connection with operation of canal system is likely to be completed by March-08.

Physical & Financial Progress :-

Physical :-

Head Works - 99% completed
 Canal Works - 99% completed

Financial :- Gross expenditure up to November 07 is nearly Rs. 183.1 Cr.
