

MAN PROJECT

(COMPLETED)

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 provides irrigation in an area of 15000 hectares of 53 villages of Manawar, Gandhawani & Kukshi Tehsils and Manawar & Gandhwani Vidhan Sabha Area 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 approved cost of Rs. 176.75 crores. The revised estimate cost proposal of Rs. 246.03 Crores (2009 price level) is under scrutiny at C.W.C., New Delhi. 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 completed.
- The canal networks of both Right & Left Bank is completed.
- The irrigation potential in 15,000 ha. area from the Canal networks has been created .