

GOHIRA DAM PROJECT

Location		
1	Dam site	Near Deogarh town in Orissa.
2	Lattitude	21 ⁰ -28' N
3	Longitude	84 ⁰ -34' E
4	River	Gohira
5	Purpose	Irrigation
Hydrology		
1	Catchment area	236 Sqkm.
2	Design flood discharge	2590 Cumecs.
3	Rainfall	1584 mm.
Reservoir		
1	Gross storage capacity	7300 Ham.
2	Effective storage capacity	6535 Ham.
3	Area at FRL	1190 Ha.
4	Available Draw-down	9.00 M.
Main Dam		
1	Type	Homogeneous Earth filled.
2	Length of Dam (Non over-flow section)	3480 M.
3	Maximum Height of Dam above the lowest point of foundation.	28.00 M.
Spillway		
1	Type	Ogee gated type.
2	Maximum discharge capacity	2590 Cumecs.
3	Length of spillway	70.00 M.
4	Type of gates	Radial
5	No. of gates	5 Nos.
Distribution system		
1	GCA	12,553 Ha.
2	CCA	9115.68 Ha.

Estimated cost		
1	Year of commencement	1977
2	Year of completion	1985