

TALSARA DAM PROJECT

| Location | | |
|------------------|---|--------------------------------------|
| 1 | Dam site | In Sundargarh Dist. of state Orissa. |
| 2 | Lattitude | 20 ⁰ -21' N |
| 3 | Longitude | 84 ⁰ -07' E |
| 4 | River | Bandhajore |
| 5 | Purpose | Irrigation |
| | | |
| Hydrology | | |
| 1 | Catchment area | 91 Sqkm. |
| 2 | Design flood discharge | 820 Cumecs. |
| 3 | Rainfall | 1198 mm. |
| | | |
| Reservoir | | |
| 1 | Gross storage capacity | 1985 Ham. |
| 2 | Effective storage capacity | 1665 Ham. |
| 3 | Area at FRL | 351 Ha. |
| 4 | Available Draw-down | 5.00 M. |
| | | |
| Main Dam | | |
| 1 | Type | Homogeneous Earth filled. |
| 2 | Length of Dam (Non over-flow section) | 1022.50 M. |
| 3 | Maximum Height of Dam above the lowest point of foundation. | 21.00 M. |
| 4 | Bed rock | Coarse grained, Massive granite |
| 5 | Total earth work in Dam | 596.73 Th.Cum. |
| 6 | Total quantity of concrete & masonry | 12.35 Th.Cum. |
| | | |
| Spillway | | |
| 1 | Type | Ogee gated type. |
| 2 | Maximum discharge capacity | 1028 Cumecs. |
| 3 | Length of spillway | 72.50 M. |
| 4 | Type of gates | Radial |
| 5 | No. of gates | 6 Nos. |
| | | |

| Distribution system | | |
|----------------------------|----------------------|----------|
| 1 | GCA | 4337 Ha. |
| 2 | CCA | 3036 Ha. |
| | | |
| Estimated cost | | |
| 1 | Year of commencement | 1978 |
| 2 | Year of completion | 1985 |