

BANKATIRA BARRAGE PROJECT

SALIENT FEATURES

I. General:

1. State	Orissa
2. District	Balasore
3. Block	Remuna
4. Village	Bankatira
5. River	Burhabalanga & Amitya Nalla.
6. Location	Lat: 21 ⁰ -34'-00"N Long: 86 ⁰ -55'-00"E

II. Hydrology:

A. Catchment Area	1500.00 Sq km
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B. Rain fall

1. Mean Annual Rainfall	1689.07 mm
2. Max. Monsoon Rainfall	2255.00 mm
3. Min. Monsoon Rainfall	1329.40 mm
4. 75% dependable yield	68367.30 Ham.
5. 75% dependable Rainfall	846.26 Ham
6. Design Flood	4000 Cumecs
Budhabalanga	2933.33 Cumecs
Amritya Nalla	1066.67 Cumecs

III. Pond

1. T.B.L	11.80 m.
1. M.W.L	10.00 m
2. Pond level	8.90 m.
3. F.S.L of Canal	8.60 m.
4. Crest level	5.40 m.
5. Average Bed level	3.90 m.

IV. Submergence Details

1. Govt. land	180 Ha.
2. Private land	30 Ha.
3. Forest land	Nil

V. Barrage and Afflux Bunds:

Barrage

1. Type	Concrete Barrage
2. Length of Barrage	200.50 m.
3. Length of Weir	84.50 m.
4. Gates	
Barrage	12 Nos.
Weir	6 Nos.
5. Size of gate	12 m. X 3.65 m.
6. Type of gate	Vertical

V. Details of Command Area:

1. G.C.A	8000 Ha.
2. C.C.A	6100 Ha.

Irrigation

1. Khariff	6100 Ha.
2. Annual irrigation	6100 Ha.

VI. Canal System:

1. Discharge	7.00 Cumecs
2. Length	16 km
3. C.C.A	6100 Ha.