

SALIENT FEATURES OF SURLIKONDA BARRAGE (UNDER P.I.DIVISION, BALIMELA)

I. Location	
State	: Odisha
District: Malkangiri	
Latitude	: 18° 12' 30"
Longitude	: 82° 01' 30"
Catchment Area	: 210.00 Sq km.
II. Hydrology Data	
Average annual rain fal	: 1702 mm
Maxm. Flood discharge from the catchment area observed	: 1174.50 cumecs
Design discharge	: 1900.00 cumecs
III. Land Acquisition.	
Submerged Land	: 150.00Ha
No. of Villages Affected	: Nil
No. of Houses affected	: Nil
No. of Persons Affected	: Nil
IV. Details of Barrage	
Length of Barrage	: 97.97M
Crest level of body wall	: 158.80M
<u>POND LEVEL</u>	
Maximum	: 165.66 M
Minimum	: 163.97 M

H.F.L- Over flow depth of design : 6.86M
 Discharge
 No. of Gates : 5 Nos.
 Size of Gates : 15.20 MX 7.16 M
 Type of Gates : Radial
 Number of Under Sluices : 2 Nos.
 Size of Gates : 2.13M X 2.80M
 Sill Level : 158.80M
 Design Discharge : 56.00 cumecs

V. Head Regulators

Particulars	Gampakonda Main Canal	Tamsa Main Canal
Bank	Left	Right
Sill Level	161.24 M	161.54 M
Size of Vents	2.45 MX 1.98 M	2.40 M X 1.68 M
No. of Vents	7 Nos	5 Nos

VI. Canals

Canals	Gampakonda Main Canal	Tamsa Main Canal
Design Discharge	39.48 cumecs	22.25 cumecs
F.S.D at Head	1.83M	1.52M
Bed width at Head	24.38M	18.29M
Length of Canals under P.I.Division	40.309 M	61.040 M
Ayacut-CCA	13502.00 Ha	9520.00 Ha
Total Ayacut of the Division	23022.00	

VII. Distributaries

No. of Distributaries : 2 Nos
 1. Tatiguda distributary
 Length : 15.420 km
 Ayacut : 2400.00 Ha
 2. Koimetta distributary
 Length : 14.275 km
 Ayacut : 6181.13 Ha

VIII. Irrigation

CCA : 23022 00 Ha
 Irrigated Area
 Khariff : 20543.00 Ha
 Rabi : 16993.00 Ha

IX. Blockwise Potential

Sl.No	Block	Designed CCA in Ha	Khariff area in Ha
1.	Korkunda	10558	8850
2.	Malkangiri	1101	1029
3.	Kalimela	11363	10664
	Total=	23022	20543

X. **Minors and Sub-Minors**
No. of Minors and Sub-minors
Total Length

: 130 Nos.
: 246.433 Km.

XI. **Pani Panchayats**
Total Nos of Pani Panchayats
Distributary Committes

: 4 Nos. : 51 Nos.

Total Nos of