

GUNDLAKAMMA RESERVOIR PROJECT**SALIENT FEATURES**

Location of the project	:	Near Chinamallavaram village Maddipadu mandal Prakasam district Andhra Pradesh
Longitude	:	79° - 59' - 15" E
Latitude	:	15° - 39' - 30" N
Ayacut proposed - Khariff	:	25,240 ha (62,368 acre)
Rabi	:	32,400 ha (80,060 acre)
Cropping pattern	:	Paddy, Groundnut, Chillies, Maize & Pulses
Drinking water facilities	:	2.56 lakh population
Catchment area	:	7,910 sq.km.
Water availability	:	29.290 TMC
Total utilisation of water proposed	:	12.845 TMC
Gross Reservoir Capacity	:	3.859 TMC
Live Storage Capacity	:	2.470 TMC
Water spread area of the reservoir	:	25.54 sq.km.
Peripheral length at FRL	:	94.00 km
Crest level	:	+16.380 m
FRL	:	+24.380 m
TBL	:	+28.380 m
Right Head Sluice Sill Level	:	+19.340 m
Left Head Sluice Sill Level	:	+19.340 m
Project Details - Spillway	:	227 m; 15 Nos. of vertical gates of size 12.00 m X 8.30 m
Gorge portion	:	275 m
Left Earth Bund	:	1.340 km
Right Earth Bund	:	4.015 km
Right Canal & Ayacut	:	27.606 km; 1,133 ha (28,000 acre)
Left Canal & Ayacut	:	21.975 km; 21,068 ha (52,060 acre)
Land acquisition	:	4,385 ha
No. of affected villages	:	12
Benefiting villages	:	43
Mandals	:	6 No.