

FLOOD FLOW CANAL FROM SRIRAMASAGAR PROJECT**SALIENT FEATURES****1. General Information****A. Site Information**

Name of the project	:	Flood Flow Canal Project (high level canal project) from Sriramasagar Project
State	:	Andhra Pradesh
Place	:	Mupkal village
Mandal	:	Balkonda
District	:	Nizamabad

This project comprises :

1. Head Regulator at SRSP in Nizamabad district
2. Mid-Manair Reservoir (R1) in Karimnagar district
3. Gowravelli Reservoir (R2) in Karimnagar district

B. Geographical Location

Reservoir	Village	District	Tehsil	State
Head Regulator	Mupkal	Nizamabad	Balkonda	Andhra Pradesh
R1	Manwada	Karimnagar	Boinpally	Andhra Pradesh
R2	Gowravelli	Karimnagar	Husnabad	Andhra Pradesh

	Head Regulator	R1	R2
C. Latitude	18° – 55' – 00"	18° – 23' – 34"	18° – 04' – 03"
D. Longitude	78° – 18' – 00"	78° – 57' – 43"	79° – 10' – 00"
E. Elevation above Mean Sea Level	332.20 m	318.00 m	396.50 m

- F. Total area proposed for the project 15,521 ha
- G. Nature of terrain Undulating
- H. Technical classification of soil Sandy loam

Project Profile

	R1	R2
A. Height of the dam / reservoir		
1. Above mean sea level (m)	318.00	396.50
2. From existing ground level (m)	20.945	6.50
3. From deepest foundation level (m)	32.565	10.00
B. Gross storage capacity (M.cum.)	25.872	1.095
C. Catchment area (sq.km.)	4056.7	19.24
D. Submergence area (hectare)	8607.5	570
E. Command area (hectare)		
Gross command area	71,880	97,120
Cultivable command area	59,160	72,840
F. No. of turbines	Nil	
G. Capacity of each turbine (MW)	Nil	
H. Length of the main canal (km)		
Lined	Nil	
Unlined	354	
I. Length of distributaries (km)		
Lined	Nil	
Unlined (discharge 1-5 cumec)	78	