

PALAMURU-RANGAREDDY LIFT IRRIGATION SCHEME

1. SCOPE OF THE PROJECT:

Palamuru -Ranga Reddy Lift Irrigation Scheme envisaged to create irrigation potential in upland areas of Nagarkurnool, Mahabubnagar, Vikarabad, Rangareddy and Nalgonda districts for an ayacut of 10.00 lakh acres, (proposal for enhanced ayacut of 12.30 Lakh Acres is under consideration at Government)drinking water to enroute villages, GHMC and industrial use by lifting 2 TMC per day for 60 days during flood season (1.50 TMC for PRLIS + 0.50 TMC for Dindi L.I.S) from foreshore of SrisaillamReservoir on Krishna river near at Yellur(V), Kollapur(M) to K.P. Laxmidevipally(V), Kondurg (M) with 5 stage lifting and then utilizing water by gravity.The Government have accorded administrative approval for an amount of Rs. 35,200 crores vide G.O.Ms. 105, I&CAD (Projects-I) Dt: 10.6.2015.

2. DETAILS OF LIFTS:

Sl. No.	Lift/ Place	Lift Height	Pumps & Ratings	Pump capacity
1	Lift-1 near Yellur Village	104 m	8 x 145 MW	85 Cumecs
2	Lift-2 near Yedula Village	124 m	9 X 145 MW	75 Cumecs
3	Lift-3 near Vatttem village	121 m	9 X 145 MW	75 Cumecs
4	Lift-4 near Udandapur village	122 m	5 X 145 MW	75 Cumecs
5	Lift-5 K.P Laxmidevipally Village	72 m	3 X 75 MW	55 Cumecs

3. DETAILS OF RESERVOIRS:

Sl. No.	Name of Reservoir	Place	Bund Length (KMs)	F.R.L	Capacity (TMC)		Reservoir wise Ayacut in Ac.
					Gross	Live	
1	Anjanagiri	Narlapur village	6.647	+345.000 m	8.51	7.95	-
2	Veeranjaneya	Yedula Village	7.716	+445.000 m	6.55	5.91	-
3	Venkatadri	Vatttem village	14.750	+542.000 m	16.74	14.47	1,39,000
4	Kurumurthiraya	Karivena Village	13.185	+531.000 m	17.34	16.90	1,90,000
5	Udandapur	Udandapur Village	15.875	+629.000 m	16.03	15.61	4,88,000
6	K.P Lakshmidvipally	Lakshmidvipally village	6.050	+670.000 m	2.80	2.50	4,13,000
Total			64.223		67.97	63.34	12,30,000

5. DETAILS OF LAND ACQUISITION DISTRICT WISE:

Sl. No.	Name of District	Title of Land			Land Acquired			Land to be Acquired		
		Govt Land	Patta Land	Total Land	Govt Land	Patta Land	Total Land	Govt Land	Patta Land	Total Land
1	Nagar kurnool	3210.54	8681.53	11892.07	2560.80	6018.70	8579.50	649.74	2662.83	3312.57
2	Wana parthy	638.98	3562.64	4201.62	508.38	3466.04	3974.32	130.70	96.60	227.30
3	Mahabub nagar	1626.08	9131.52	10757.60	1576.87	6096.61	7673.48	49.21	3034.91	3084.12
TOTAL		5475.6	21375.69	26851.29	4646.05	15581.35	20227.3	829.65	5794.34	6623.99

6. Details of R&R :

S.No	Details of R&R	Total (Nos)	Payment made so far
1.	No. of Villages effected	3	-
2.	No of Thandas/Hamlets effected	20	-
3.	No. of House hold effected	2481	514 Nos
4.	Population effected	11,025	-
5.	Expenditure a) Structure Value b) Addl Amount for 2BHK		Rs.9.45 Crs Rs. 60.23 Crs
			Rs.79.68 Crs

- The **main conduit works** of PRLIS are divided into 21 packages, at present 18 packages i.e., from Narlapur to Udandapur Reservoir are entrusted to agencies and those works are in progress.
- **Survey Works** for ayacut under Reservoirs are divided into 7 packages, 6 works are entrusted to Agencies, and one package work being carried out through department staff which are in progress.

The Tenders for main conduit works from Udandapur to K.P.Laxmidevipally Reservoir are proposed to be invited.

AYACUT DETAILS OF PALAMURU-RANGAREDDY LIFT IRRIGATION SCHEME (12,30,000 Acres)

S.No	District	Constituency	Mandal	Total Ayacut in Acres
1	MAHABUBNAGAR	DEVARAKADRA	ADDAKAL	18692
			BHOOTHPUR	13105
			MOOSAPET	6000
			DEVARKADRA	20655
			Sub-Total	58452
		JADCHERLA	BALANAGAR	30311
			RAJAPUR	10000
			JADCHERLA	38585
			MIDJIL	32097
			NAWABPET	25576
			Sub - Total	136569
		MAHABUBNAGAR	MAHBUBNAGAR (RURAL)	9692
			HANWADA	12527
			Sub-Total	22219
		MAKTAL	MAGANOR	264
			MAKTHAL	17549
			NARVA	5918
			UTKOOR	34281
			Sub-Total	58012
		NARAYANPET	DAMARAGIDDA	1207
			DHANWADA	15734
			KOILKONDA	25794
			NARAYANPET	16056
			Sub-Total	58791
		*PARGI	GANDEED	24414
			Sub-Total	24414

		*KODANGAL	KOSGI	26023
			MADDUR	28687
			Sub-Total	54710
	DISTRICT TOTAL			413167
2	VIKARABAD	*PARGI	DOMA	20473
			KULKACHARLA	10412
			PUDUR	11750
			PARGI	18587
		Sub-Total		61222
		TANDUR	BASHEERABAD	26982
			PEDDEMUL	19958
			TANDUR	29040
			YALAL	22112
		Sub-Total		98092
		VIKARABAD	KOTEPALLY(NEW)	11622
			BANTWARAM	5985
			DHARUR	21357
			MARPALLE	28049
			MOMINPET	18753
			VICARABAD	9286
		Sub-Total		95052
		*KODANGAL	BOMRASPET	29063
			KODANGAL	18003
			DOULATHABAD	8667
		Sub-Total		55733
		*CHEVELLA	NAWABPET	12276
		Sub-Total		12276
	DISTRICT TOTAL			322375

3	NAGARKURNOOL	ACHAMPET	VANGOOR	1357	
			CHARAKONDA	1000	
		Sub Total			2357
		NAGARKURNOOL	BIJINAPALLE	7712	
			THIMMAJIPET	23263	
			TADOOR	4082	
		Sub-Total			35057
		*KALWAKURTHY	URUKONDA	4482	
			KALWAKURTHY	18957	
			VELDANDA	39705	
		Sub-Total			63144
		DISTRICT TOTAL			100558
		4	RANGAREDDY	*KALWAKURTHY	AMANGAL
	KADTHAL				4922
MADGUL	30609				
TALAKONDAPALLE	24104				
Sub-Total				70896	
CHEVELLA	CHEVELLA			24028	
	SHABAD			25369	
	MOINABAD			28535	
	SHANKARPALLE			19331	
Sub-Total				97263	
SHADNAGAR	FAROOQNAGAR			21345	
	KONDURG			18395	
	CHODERGUDEM			13500	
	KOTHUR			18852	
	NANDIGAMA			10000	
	KESHAMPET			1969	

		Sub-Total		84061
		IBRAHIMPATNAM	MANCHAL	15621
			YACHARAM	28612
			IBRAHIMPATNAM	29185
			HAYATHNAGAR	12496
		Sub-Total		85914
		RAJENDRANAGAR	SHAMSHABAD	6601
		Sub-Total		6601
		MAHESHWARAM	MAHESHWARAM	8251
			KANDUKUR	10914
		Sub-Total		19165
	DISTRICT TOTAL			363900
5	NALGONDA	DEVARAKONDA	CHINTHA PALLE	10454
			CHANDAM PET	75
			GUNDLA PALLE	3682
			DEVARAKONDA	11773
		Sub-Total		25984
		MUNUGODU	MARRIGUDA	4016
		Sub-Total		4016
	DISTRICT TOTAL			30000
GRAND TOTAL			74 Nos.	1230000