

MGL OSD 11 KV FEEDERS OF THE 33/11 KV SUB-STATIONS, SERVICES, DTRS AND LENGTH OF LINES

SL. NO	Name of the EHT Sub-station	Name of the 33 KV Feeder	Name of the section	Name of the 33/11KV Sub-Station & Section	Capacity in MVA	Name of the 11 KV feeder	Feeder Code	MAX LOAD (Amp)	Total Length of Line (Km)	Existing Services (No.)		Exsting DTRs Capacity Wise (KVA)																							
										LT	HT	5	10	15	16	1 Ph 16	25	1PH 25	40	50	1PH 50	63	75	100	160	250	315	500							
1	132 KV SS Tadepalli	33 KV Guntur Circuit-1 (Guntur Circuit-2 alternate feeder)	D1-Mangalagiri	Mangalagiri SS.2	2 X 8	11 KV APSP Camp	309141140205	85	6.20	2465	0						3						6		18	2	1	1							
						11 KV Town1	309141140201	36	1.84	1791	2					1										11		31	11	2	1				
						11 KV Town2	309141140202	124	5.15	3909	1																								
						11 KV Town3	309141140203	150	4.00	4468	2																6		17	8	4	1			
						11 KV Town4	309141140204	85	6.40	3305	0																8		10	7	1	2	2		
2	132 KV SS Tadepalli	33 KV Guntur Circuit-2 (Guntur Circuit-1 alternate feeder)	Baptist Pet	Mangalagiri SS.1	2 X 8	TOTAL		23.59	15938	5																									
						11 KV Tenali Road	309141140401	73	3.37	5909	0															2		7	7	3	2	2			
						11 KV Koppuram Colony	309141140402	62	2.44	2180	0															2		7	2	1	1				
						11 KV Anjaneya Colony	309141140403	63	1.70	1784	0															4		16	2	1	1	1			
						11 KV Old Mangalagiri	309141140404	155	5.30	2193	0															1		7	3	1	1	1			
3	132 KV SS Tadepalli	33 KV Guntur Circuit-2 (Guntur Circuit-1 alternate feeder)	D1-Mangalagiri	Mangalagiri SS.1	1 X 5 & 1 X 12.5	TOTAL		12.81	12066	0																									
						11 KV P.V.Pudi	309141140101	154	10.89	5960	3					14		2	7	1	2					6		3	14	4			1	2	
						11 KV CH.V.Pudi	309141140102	19	22.40	521	0						2									5		2							
						11 KV Bypass	309141140103	88	6.60	4329	2						1									9		37	8		7	1			
						11 KV MGL Town	309141140104	62	2.55	654	0						1									4		6	3	2					
4	132 KV SS Tadepalli	33 KV Guntur Circuit-2 (Guntur Circuit-1 alternate feeder)	D1-Mangalagiri	Mangalagiri APSP	1 X 8	11 KV Sakshi	309141140106	54	4.00	4	4																								
						11 KV Water Works	309141140106	166	6.40	586	2					17	3	4	16							17		33	10						
						TOTAL		52.04	12054	11																									
						11 KV Indiranagar	309141140301	72	2.40	1933	0															1		7	5	1	1	1			
						11 KV Atmakuru	309141140302	50	6.10	3083	1					10		2	7							10		18	8		1	1			
5	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Guntur Circuit-1 Alternate feeder)	D2-Mangalagiri	Mangalagiri Indoor (APIC)	1 X 12.5	11 KV Jagar	309141140303	120	5.10	3425	5						4																		
						11 KV DGP Office	309141140304	54	1.40	30	4															2		3	2	1					
						TOTAL		15.00	8471	10																									
						11 KV Autonagar	309141240201	140	6.01	1433	12							1	7							13		19	8			1			
						11 KV T.T.Padi	309141240202	24	3.45	106	3															4		5							
6	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Tadikonda alternate feeder)	D2-Mangalagiri	Mangalagiri TIDCO	1 X 8	11 KV R.R.Towers	309141240203	112	7.56	3369	2						1	1																	
						11 KV Town-2	309141240204	94	2.80	1204	0															1		20	3		1	1			
						TOTAL		19.82	6112	17																									
						11 KV TIDCO-1	309141240301	44	1.98	1182	0																					13			
						11 KV TIDCO-2	309141240302	0	0.70	94	0																				1				
7	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Tadikonda alternate feeder)	D2-Mangalagiri	Nidamaru	2 X 8	11 KV MARKANDEYA COLONY	309141240303	36	0.92	2	2																								
						11 KV DEPOT ROAD	309141240304	18	0.66	445	0																					4			
						11 KV RAJEEV	309141240305	10	0.49	15	0																								
						TOTAL		4.75	1738	2																									
						11KV Nidamaru-2	309141340301	118	6.00	2993	0	2	2	30			10	3								1		8							
8	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Guntur Circuit-1 Alternate feeder)	D2-Mangalagiri	Nidamaru	2 X 8	11KV BETHAPUDI	309141340302	108	8.00	1395	0			29		10	3							6	2										
						11KV KAZA INDUSTRIAL	309141340303	28	2.98	12	3															1		2							
						11KV KURAGALLU AGL	309141340304	4	0.60	1	0																								
						11KV APTIDCO	309141340305	100	3.98	632	0							6								2		2			6				
						TOTAL		21.56	5033	3																									
9	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Guntur Circuit-1 Alternate feeder)	D2-Mangalagiri	Chinakakani	1 X 8	11 KV Chinakakani	309141340102	90	10.50	4103	0	1	1	33		2	13	3	1	1				19	20	4		5	4						
						11 KV Nidamaru	309141340101	86	17.30	2555	0				33	3	12	24				1	1			14		7	9		2	1			
						11 KV Kaza	309141340104	157	8.67	5189	7				18	4		18								6		45	9	2	2				
						11 KV Excess	309141340103	39	2.70	274	4						2									5		9	3		1				
						TOTAL		44.17	12121	11																									
10	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Tadikonda alternate feeder)	D2-Mangalagiri	Yerrabalem	1 X 12.5 & 1 X 8	11 KV Industrial	309141240101	88	7.90	405	14					1	3							11	14	3									
						11 KV Yerrabalem	309141240102	184	9.80	5587	0							5		1					23		28	5		2					
						11 KV Navuluru	309141240105	172	11.00	8637	1				15		2	6							18	1	58	8							
						11 KV Burall	309141240103	60	7.70	944	0															9		17							
						11 KV LI Scheme	309141240104	122	11.00	3013	2								5	1	1	5						3		34	3				
11	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Tadikonda alternate feeder)	D2-Mangalagiri	Yerrabalem	1 X 12.5 & 1 X 8	TOTAL		31.60	17776	17																									
						11 KV R.C.Puram	309141340204	28	19.80	475	0				3	32		63														1			
						11 KV Godavari	309141340203	30	21.80	299	0																								
						11 KV Nuthakki Town	309141340201	182	34.80	4710	0	2				62	3	1	167							2		5							
						11 KV Nuthakki AGL	309141340202	23	26.20	605	0	1				19	42	7	100							2		5							
12	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Tadikonda alternate feeder)	D2-Mangalagiri	Yerrabalem	1 X 12.5 & 1 X 8	11 KV Chennarayana	309141340205	6	3.30	140	0					1	4																		
						TOTAL		106.10	6529	0																									
						11KV Kothapalem	309141340401	91	3.90	574	1							5		2															
						11 KV Kothapalem aql	309141340402	14	6.02	143	0															2		3							
						11 KV LI Scheme	309141340403	0	0.00	0	0																								
13	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Tadikonda alternate feeder)	D2-Mangalagiri	Yerrabalem	1 X 12.5 & 1 X 8	11 KV Peddavadupudi Town	309141340404	0	10.89	0	0					26		1	4																
						TOTAL		20.81	717	1																									
						11 KV Kolarabanda	309141440101	154	9.58	4208	4	1						38		30	13														
						11 KV Kunchanapalli	309141440102	148	13.85	4958	1	1						22		2	13	19													
						11 KV Prethuru	309141440103	44	20.64	1120	0							2	4	3	92														
14	132 KV SS Tadepalli	33 KV Mangalagiri (33 KV Tadikonda alternate feeder)	D2-Mangalagiri	Yerrabalem	1 X 12.5 & 1 X 8	11 KV Vaddevayaram	309141440104	14	6.70	253	0																								
						TOTAL		50.77	10539	5																									
						11 KV Mellemputti Town	309141440201	28	6.27	1239	0																								
						11 KV Mellemputti AGL	309141																												

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