

SALIENT FEATURES OF TS TRANSCO / TS.GENCO / TS DISCOMS					
Sl.No.	Parameter	Unit	As on 31.03.2017	Addition during 2017-18	As on 31.08.2017
1	Installed Capacity				
	a) State sector (GENCO)				
	1 Thermal	MW	2882.50		2882.50
	2 Hydel	MW	2340.60		2340.60
	3 Mini Hydel		11.16		11.16
	4 Solar	MW	1.00		1.00
	TOTAL GENCO	MW	5235.26		5235.26
	Inter state Hydel Projects	MW	76.31		76.31
	b) Joint Sector				
	Gas (A.P.G.P.C.L)	MW	24.51		24.51
	IPPS - Gas Power Plants				
	IPPs - Gas based Power Plants	MW	925.87		925.87
	c) Private Sector				
	1. Mini Hydel	MW	17.86	-3.20	14.66
	2. Industrial Waste	MW	18.50		18.50
	3. Bagasse Co-Generation projects	MW	104.15	-30.40	73.75
	4. Bio-mass Co-Generation projects		64.00	4.00	68.00
	5. Municipal Waste	MW	6.60		6.60
	6.Solar	MW	1320.96	807.04	2128.00
	7.Wind	MW	100.80		100.80
	Total NCE		1632.87		2410.31
	TOTAL PRIVATE SECTOR	MW	2558.74	777.44	3336.18
	d) Singareni TPP	MW	1200.00		1200.00
	e) Chattisgarh Power	MW		1000.00	1000.00
	f) Central Sector				
	1.Ramagundam STPS	MW	448.75		427.51
	2.M.A.P.P.(Madras Atomic Power	MW	22.54		22.93
	3.Neyveli Lignite corporation	MW	165.18		168.39
	4.Kaiga Nuclear Power Plant I-IV	MW	143.25		146.33
	5.Simhadri TPS	MW	538.90		538.90
	6..Simhadri expansion	MW	247.62		225.20
	7.Talcher (Ph-II) Unit - 3,4,5,6	MW	226.23		213.20
	8.Vallur stage-I&II	MW	109.13		112.50
9. NTPL Unit-I&II (1000MW)	MW	150.67		153.45	
10.Kudankulam Nuclear Power Plant	MW	50.00		50.00	
11.Kudgi -I (800 MW)	MW			91.76	
TOTAL SHARE FROM CENTRAL	MW	2102.27	47.90	2150.17	
g) Long term OA					
Case one bidding -Thermal Power	MW	269.45		269.45	
Case one bidding -Thermal Power	MW	570.00		570.00	
Total Case -I bidding	MW	839.45		839.45	
Total (a+b+c+d+e+f+g)	MW	12036.54	1825.34	13861.88	
2	Energy Generated (cumulative)				
	During 2016-17				
	During 2017-18				
	31.08.2017				
	(Provl)				
	1 Thermal	MU	16196.53		6877.48
2 Hydel	MU	1270.56		44.99	
Total of Telangana State		17467.09		6922.47	
TS share of APISTS	MU	7188.51		910.25	
TOTAL	MU	24655.60		7832.72	
3	Energy purchased and imported	MU	29220.49		15808.51
4	Energy available for use (2+3)	MU	53876.09		23641.23
5	Maximum demand during the year (At Generation Terminal) MW	MW	9191 31.03.2017		9510 13.09.2017
6	Max. grid consumption during the year MU	MU	188.63 (31-03-2017)		196.173 (03-08-2017)

7	EHT Transmission Lines		As on 31.03.2017	Added during 2017-18	As on 31.08.2017
	a) 400 kV	Ckm	2496.65	518.93	3015.58
	b) 220 kV	Ckm	6496.07	129.30	6625.37
	c) 132 kV	Ckm	9715.9	162.558	9878.44
	Total EHT lines		18709	810.79	19519.39
8	TS TRANSCO's Sub - stations				
	a) 400 kV	Nos.	8	3	11
	b) 220 kV	Nos.	68	2	70
	c) 132 kV	Nos.	209	1	210
	Total Substation		285	6	291
9	Distribution Sector				
	DISCOM's Lines				
	d) 33 kV	km	21021.88	272.29	21294.17
	e) 11 kV	km	142662.03	2249.70	144911.73
	f) LT	km	305158.33	1887.18	307045.51
	TOTAL		468842.24	4409.17	473251.41
10	DISCOM's Sub - stations				
	d) 33 kV	Nos.	2562	39	2601
11	Electrification of Towns, Villages, Hamlets, etc.,		As on 31.03.2017	Added during 2017-18	As on 31.08.2017
	a) Towns	Nos.	158	0	158
	b) Villages	Nos.	10573	0	10573
	c) Hamlets	Nos.	8465	0	8465
	d) Tribal Hamlets \ Habitations	Nos.	8971	0	8971
	e) Dalitwadas	Nos.	20126	0	20126
	f) Weaker Section Colonies	Nos.	10301	0	10301
12	Consumers Served				
	a) Domestic	Nos.	9311964	499418	9811382
	b) Non-Domestic	Nos.	1134859	80595	1215454
	c) Industrial	Nos.	90007	2168	92175
	d) Cottage Industries	Nos.	16660	490	17150
	e) Agricultural Services (including	Nos.	2094680	155354	2250034
	f) Public Lighting / Local Bodies	Nos.	111299	8696	119995
	g) General Purpose	Nos.	52092	1548	53640
	h) Temporary	Nos.	586	171	757
	L.T.Total	Nos.	12812147	748440	13560587
	H.T.Total	Nos.	10423	392	10815
	Grand Total	Nos.	12822570	748832	13571402