

SALIENT FEATURES OF A.P.TRANSKO / A.P.GENCO / DISCOMS					
Sl. No.	Parameter	Unit	As on 31.03.2015 (Provl) AP Residuary	FY 2015-16	As on 31.01.2016 (Provl) AP Residuary
1	Installed Capacity (geographical wise)				
	a) A.P.GENCO				
1	Thermal	MW	2348.15		2348.15
2	Hydel	MW	1671.29		1671.29
3	Wind	MW	2.00		2.00
	AP Power Development Corp. Ltd	MW	800.00	800.00	1600.00
	TOTAL A.P.GENCO	MW	4821.44	800.00	5621.44
	b) Joint Sector				
1	Gas (A.P.G.P.C.L) 58.8x58.32 %	MW	34.29		34.29
	c) Private Sector				
1	Thermal (Coal)	MW	0.00		0.00
2	Gas -IPPs	MW	1150.31	116.84	1267.15
3	Small Hydro	MW	89.10		89.10
4	Wind	MW	1014.22	138.90	1153.12
5	Bagasse , Bio-mass Co-Generation projects & Bio mass	MW	428.57		428.57
6	Mini power Plants	MW	78.79		78.79
7	Others Iso.Gas Wells+Waste Heat+Municipal waste)	MW	59.70	7.50	67.20
8	Solar	MW	137.85	44.85	182.70
	TOTAL PRIVATE SECTOR	MW	2958.54	308.09	3266.63
	d) Share from Central Sector				
1	N.T.P.C Ramagundam -(1-6)	3x200+3x500	319.310	-14.490	304.820
2	N.T.P.C Ramagundam -7	1x500	79.970	-3.540	76.430
3	N.T.P.C.Talcher Stage II (Units 3,4,5&6)	4 x 500	195.830	-2.630	193.20
4	Simhadri TPS (NTPC) -Stg 1	2 x 500	461.100	0.000	461.10
5	Simhadri TPS (NTPC) -Stg 2	2 x 500	211.770	0.130	211.90
6	Neyveli (Tamilnadu)stage-I	630	53.190	-3.470	49.72
7	Neyveli (Tamilnadu)stage-II	840	94.120	-4.550	89.57
8	Vallur Stage 1 ,2 & 3	3x500	98.600	-6.650	91.95
9	Tuticorin , Tamilanadu Unit 1	1x500	0.000	127.370	127.37
10	M.A.P.P (Tamilnadu)	440	20.120	-1.100	19.02
11	Kaiga Nuclear power plant I & II	2 x 220	62.510	-3.920	58.59
12	Kaiga Nuclear power plant III & IV	2 x 220	66.210	-3.930	62.28
13	Kudankulam Unit1	1x1000	50.000	0.000	50.00
	Total Central Sector		1712.73	83.220	1795.95
	Total (A.P.GENCO + Private + Central)	MW	9527.00	1191.31	10718.31
2	Energy Generated (cumulative)		As on 31.03.2014 (Provl) Combined AP		As on 31.01.2016 (Provl) AP Residuary
	1 Thermal	MU	16281.86		17753.07
	2 Hydel	MU	3178.61		1950.48
	TOTAL	MU	19460.47		19703.55
3	Energy purchased and imported (Including Other's energy handled)	MU	28862.85		21460.14
4	Energy available for use (2+3)	MU	48323.32		41163.69
5	Maximum demand during the year (At Generation Terminal) MW	MW	6784 (17-03-2015)		6913 (29-10-2015)
6	Max. grid consumption during the year MU	MU	153.94 (28-03-2015)		156.44 (10-07-2015)
7	Per capita consumption	Kwh	1003		

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	Transmission Lines		As on 31.03.2015 (Provl) AP Residuary	FY 2015-16	As on 31.01.2016 (Provl) AP Residuary	
8	a) 400 kV	Ckm	2400.37	234.82	2635.19	
	b) 220 kV	Ckm	8394.74	146.23	8540.97	
	c) 132 kV	Ckm	8600.62	258.65	8859.27	
	DISCOM's Lines					
	d) 33 kV	km	24083.64	347.58	24431.22	
	e) 11 kV	km	184499.31	5953.39	190452.70	
	f) LT	km	288769.41	6780.63	295550.04	
	TOTAL			516460.72	13721.30	530469.39
APTRANSO's Sub - stations						
a) 400 kV	Nos.	6	0	6		
b) 220 kV	Nos.	71	4	75		
c) 132 kV	Nos.	169	6	175		
DISCOM's Sub - stations						
d) 33 kV	Nos.	2633	86	2719		
TOTAL			2879	96	2975	
10	Distribution Transformers (including RESCO)Up to Dec-15	Nos.	621171	47803	668974	
11	Electrification of Towns, Villages, Hamlets, etc., (as per 2011 Census)					
	a) Towns	Nos.	112	0	112	
	b) Villages	Nos.	16449	0	16449	
	c) Hamlets	24001 Nos.	23475	0	23475	
	d) Tribal Hamlets\ Habitations	5524 Nos.	5136	120	5256	
	e) Dalitwadas	37402 Nos.	36309	0	36309	
	f) Weaker Section Colonies	22378 Nos.	21725	0	21725	
12	Consumers Served					
	a) Domestic	Nos.	12648102	364944	13013046	
	b) Non-Domestic	Nos.	1104366	54710	1159076	
	c) Industrial	Nos.	134100	3163	137263	
	d) Cottage Industries	Nos.	16029	419	16448	
	e)Agricultural Services (including RESCOs)	Nos.	1509495	61029	1570524	
	f) Public Lighting / Local Bodies	Nos.	91440	2958	94398	
	g) General Purpose	Nos.	105297	1310	106607	
	h) Temporary	Nos.	2205	217	2422	
	L.T.Total		Nos.	15611034	488750	16099784
	H.T.Total		Nos.	7835	410	8245
	Grand Total		Nos.	15618869	489160	16108029