

SALIENT FEATURES OF A.P.TRANSCO / A.P.GENCO / DISCOMS

Sl. No.	Parameter	Unit	As on 31.03.2018 (Provl)	Added during FY 2018-19	As on 28.02.2019 (Provl)
1	Installed Capacity (As per Share)				
	a) A.P.GENCO				
1	Thermal	MW	3410.00		3410.00
2	Hydel	MW	1797.60		1797.60
3	Solar	MW	5.43	400.00	405.43
4	GGPP	MW	0.00	216.82	216.82
	AP Power Development Corp. Ltd	MW	1600.00		1600.00
	TOTAL A.P.GENCO	MW	6813.03	616.82	7429.84
	b) Joint Sector				
1	Gas (A.P.G.P.C.L) 58.8x58.32 %	MW	34.29		34.29
	c) Private Sector				
1	IPPs	MW	2105.25	-216.82	1888.43
2	Small Hydro	MW	104.44		104.44
3	Wind	MW	4019.09	69.30	4088.39
4	Bagasse , Bio-mass Co-Generation projects & Bio mass	MW	439.34		439.34
5	Mini power Plants	MW	17.20		17.2
6	Others Iso.Gas Wells+Waste Heat+Municipal waste)	MW	40.16		40.16
7	Solar	MW	2141.95	442.90	2584.85
	TOTAL PRIVATE SECTOR	MW	8867.43	295.38	9162.81
	d) Share from Central Sector				
1	N.T.P.C Ramagundam -(1-6)	3x200+3x500	434.74	-20.51	414.23
2	N.T.P.C Ramagundam -7	1x500	108.07	-4.95	103.12
3	N.T.P.C.Talcher Stage II (Units 3,4,5&6)	4 x 500	232.80	-7.20	225.60
4	Simhadri TPS (NTPC) -Stg 1	2 x 500	461.10	0.00	461.10
5	Simhadri TPS (NTPC) -Stg 2	2 x 500	266.90	-7.70	259.20
6	Neyveli (Tamilnadu)stage-I	630	47.60	0.04	47.64
7	Neyveli (Tamilnadu)stage-II	840	86.87	-0.07	86.80
8	Vallur Stage 1 ,2 & 3	3x500	87.93	0.00	87.93
9	Tuticorin , Tamilnadu Unit 1	1x500	123.15	0.07	123.22
10	M.A.P.P (Tamilnadu)	440	18.42	-0.02	18.40
11	Kaiga Nuclear power plant I & II	2 x 220	56.21	0.04	56.25
12	Kaiga Nuclear power plant III & IV	2 x 220	59.92	0.03	59.95
13	Kudankulam Unit1	1x1000	0.00	0.00	0.00
14	NTPC (Kudqi)	1x800	271.84	112.88	384.72
15	Westren region bundled power		75.00	0.00	75.00
	Total Central Sector		2330.55	72.61	2403.16
	Total (A.P.GENCO + Private + Central)	MW	18045.30	984.81	19030.10
2	Energy Generated (cumulative)		During FY 2017-18. (Provl)	FY 2018-19	As on 28.02.2019 (Provl)
	1 Thermal	MU	20560.88		20091.86
	2 Hydel	MU	2680.26		2453.23
	TOTAL	MU	23241.14		22545.09
3	Energy purchased and imported (Including Other's energy handled)	MU	35551.51		34580.28
4	Grid Consumption (2+3)	MU	58792.65		57125.37
5	Maximum demand during the year (At Generation Terminal) MW	MW	8983 (16/03/2018)		9453 (14/10/2018)
6	Max. grid consumption during the year MU	MU	184.98 (24/03/2018)		192.93 (10/09/2018)
7	Per capita consumption	Kwh	1085 (2016-17)		1147 (2017-18)

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	Transmission Lines		As on 31.03.2018 (Provi)	Added during FY 2018-19	As on 28.02.2019 (Provi)
8	a) 400 kV	Ckm	4561.83	747.70	5309.53
	b) 220 kV	Ckm	11032.84	399.17	11432.01
	c) 132 kV	Ckm	10720.23	423.62	11143.85
	DISCOM's Lines				
	d) 33 kV	km	25827.26	351.18	26178.44
	e) 11 kV	km	226012.73	8763.49	234776.22
	f) LT	km	327044.16	15894.26	342938.42
	TOTAL		605199.05	26579.41	631778.47
9	APTRANSKO's Sub - stations				
	a) 400 kV	Nos.	11	4	15
	b) 220 kV	Nos.	91	6	97
	c) 132 kV	Nos.	206	4	210
	DISCOM's Sub - stations				
	d) 33 kV	Nos.	2898	39	2937
	TOTAL		3206	53	3259
10	Distribution Transformers (including RESCO)Up to February-19	Nos.	834877	71246	906123
11	Electrification of Towns, Villages, Hamlets, etc., (as per 2011 Census)				
	a) Towns	Nos.	112		112
	b) Villages	Nos.	16449		16449
	c) Hamlets 24001	Nos.	23475		23475
	d) Tribal Hamlets\ Habitations 6079	Nos.	5812		5812
	e) Dalitwadas 37402	Nos.	36312		36312
	f) Weaker Section Colonies 22378	Nos.	21725		21725
12	Consumers Served				
	a) Domestic	Nos.	14338841	415374	14754215
	b) Non-Domestic	Nos.	1349834	103943	1453777
	c) Industrial	Nos.	155521	7550	163071
	d) Cottage Industries	Nos.	17812	1020	18832
	e)Agricultural Services (including RESCOs)	Nos.	1720670	77640	1798310
	f) Public Lighting / Local Bodies	Nos.	104490	3193	107683
	g) General Purpose	Nos.	120989	8449	129438
	h) Temporary	Nos.	2929	158	3087
	L.T.Total	Nos.	17811086	617327	18428413
	H.T.Total	Nos.	9630	793	10423
	Grand Total	Nos.	17820716	618120	18438836