

**POWER DEVELOPMENT
IN
ANDHRA PRADESH
(STATISTICS)**

2017-18



**TRANSMISSION CORPORATION OF
ANDHRA PRADESH LIMITED**

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1. SALIENT FEATURES

SALIENT FEATURES OF APTRANSCO, APGENCO, and DISCOMs as on 31.03.2018

S.No.	I t e m	Unit	As on 31-03-2017	Achievement in 2017-18	As on 31-03-2018
1.	INSTALLED CAPACITY (AP Share)				
a)	State Sector				
1	Thermal	MW	2348.15	1061.85	3410.00
2	Hydel	MW	1721.29	76.31	1797.60
3	Solar	MW	5.426	0.00	5.426
4	AP Power Development Corp.Ltd	MW	1600	0.00	1600
	TOTAL STATE SECTOR	MW	5674.87	1138.16*	6813.03
	*Due to power regulation by AP to TS and TSGENCO to APDISCOMS the power is not being scheduled to APDISCOMS from TSGENCO with effect from 11/06/2017				
b)	Joint Sector				
1	Gas (A.P.G.P.C.L) Gov Share 58.8 MW *58.32%	MW	34.29		34.29
c)	Private Sector				
1	IPPs	MW	2849.49	-741.44	2108.05
2	Small Hydro	MW	87.44	17.00	104.44
3	Wind	MW	3801.09	218.00	4019.09
4	Co-Generation (Biomass+ Biomass Co-generation & Bagasse Co-generation)	MW	430.34	9.00	439.34
5	Mini power plants	MW	82.00	-64.80	17.20
6	Others (Iso-gas Wells+Waste heat)	MW	67.20	-27.04	40.16
7	Solar	MW	1874.95	265.00	2139.95
	TOTAL PRIVATE SECTOR	MW	9192.51	-324.28	8868.23
d)	Share from Central Sector				
1	N.T.P.C Ramagundam -(1-6)	MW	306.11	128.63	434.74
2	N.T.P.C Ramagundam -7	MW	76.73	31.34	108.07
3	N.T.P.C.Talcher Stage II (Units 3,4,5&6)	MW	193.43	39.37	232.8
4	Simhadri TPS (NTPC) -Stg 1	MW	461.11	-0.01	461.1
5	Simhadri TPS (NTPC) -Stg 2	MW	212	54.9	266.9
6	Neyveli (Tamilnadu)stage-I	MW	50.04	-2.44	47.6
7	Neyveli (Tamilnadu)stage-II	MW	90.06	-3.19	86.87
8	Vallur Stage 1,2 & 3	MW	92.58	-4.65	87.93
9	Tuticorin , Tamilnadu	MW	128.05	-4.9	123.15
10	M.A.P.P (Tamilnadu)	MW	19.15	-0.73	18.42
11	Kaiga Nuclear power plant I & II	MW	58.95	-2.74	56.21
12	Kaiga Nuclear power plant III & IV	MW	62.64	-2.72	59.92
13	Kudankulam UnitI	MW	0	0	0
14	NTPC (Kudgi)	MW	0	271.84	271.84
15	Westren Region bundled Power	MW	0	75	75
	TOTAL SHARE FROM CENTRAL SECTOR	MW	1750.85	579.7	2330.55
	Grand Total (State + Private + Central)	MW	16652.52	1393.58	18046.10
2.	Length of Lines				
a)	400 kV	Ckm	3606.79	955.04	4561.83
b)	220 kV	Ckm	10548.69	484.15	11032.84
c)	132 kV	Ckm	10091.43	628.80	10720.23
d)	33 kV	km	24803.48	1023.78	25827.26
e)	11 kV	km	217700.67	8312.06	226012.73
f)	L.T.	km	320569.04	6475.12	327044.16
	TOTAL	Ckm	587320.10	17878.95	605199.05
3.	Sub-Stations :				
a)	400 kV	Nos.	10	1	11
b)	220 kV	Nos.	84	3	87
c)	132 kV**	Nos.	192	14	206
d)	33 kV	Nos.	2766	132	2898
	TOTAL	Nos.	3051	150	3202
	** Reconcilled				
4.	Distribution Transformers	Nos.	814078		875547

S.No.	I t e m	Unit	As on 31-03-2017 (Provl)	Achievement in 2017-18	As on 31-03-2018 (Provl)
5.	Electrification of Towns, Villages, Hamlets, etc. (As per 2001 census)				
	EXISTING				
a)	Towns	Nos.	195		195
		%	100%		100%
b)	Villages	Nos.	16158		16158
		%	100%		100%
c)	Hamlets 24001	Nos.	23475		23475
		%	97.81%		97.81%
d)	Dalitwadass 37402	Nos.	36312		36312
		%	97.09%		97.09%
e)	Weaker Section Colonies 22378	Nos.	21725		21725
		%	97.08%		97.08%
f)	Tribal Hamlets/ Habitations 6079	Nos.	5807	5	5812
		%	95.53%		95.61%
6.	Consumers served				
A)	L.T.Category				
a)	Domestic	Nos.	13885966	452875	14338841
b)	Non-domestic	Nos.	1254523	95311	1349834
c)	Industrial	Nos.	144124	11397	155521
d)	Cottage Industries	Nos.	16885	927	17812
e)	Agricultural (Including RESCOs)	Nos.	1657258	63412	1720670
f)	Public Lighting / Local Bodies	Nos.	100209	4281	104490
g)	General Purpose	Nos.	111788	9201	120989
h)	Temporary	Nos.	2769	160	2929
	L.T.Total (a to h)	Nos.	17173522	637564	17811086
B)	H.T.Total	Nos.	8958	672	9630
	Grand Total (A+B)	Nos.	17182480	638236	17820716
7.	Connected Load				
A)	L.T.Category				
a)	Domestic	MW	10446	3243	13689
b)	Non-domestic	MW	2426	588	3014
c)	Industrial	MW	2313	3309	5622
d)	Cottage Industries	MW	45	64	109
e)	Agricultural (Including RESCOs)	MW	7627	126	7753
f)	Public Lighting / Local Bodies	MW	451	391	842
g)	General Purpose	MW	137	933	1070
h)	Temporary	MW	1	158	159
	L.T.Total (a to h)	MW	23444	8814	32258
B)	H.T.Total	MW	5861	2662	8523
	Grand Total (A+B)	MW	29305	11476	40781
			During 2016-17		During 2017-18
8	Energy from APGENCO				
1.	Thermal	MU	24728.76		20561.95
2.	Hydel	MU	2312.58		2680.87
	TOTAL	MU	27041.34		23242.82
	Energy from others	MU	28198.61		35574.73
	Total Energy (8+9)	MU	55239.95		58817.55

(Contd.)

9	Energy Sales category-wise:		During 2016-17	% growth	During 2017-18
A)	L.T.Category				
a)	Domestic - I	MU	12206.38	7.92	13173.55
b)	Non-domestic - II	MU	2573.34	6.60	2743.22
c)	Industrial - III	MU	2669.51	27.84	3412.57
d)	Cottage - IV	MU	42	1.50	42.63
e)	Agricultural - V	MU	11668.91	-6.19	10946.88
f)	Public Lighting - VI	MU	856.72	8.45	929.1
g)	General Purpose-VII	MU	146.42	6.68	156.2
h)	Temporary	MU	1.96	-0.51	1.95
	L.T.Total	MU	30165.24	4.11	31406.1
B)	H.T.Recorded sales	MU	17011.81	8.98	18538.691
C)	Total (L.T + H.T)	MU	47177.05	5.87	49944.791
		MU			
10	Total Sales by Discoms including wheeling	MU	48013.00		50739.13
11	Transmission losses	%	2.92		3.13
12	Distribution losses	%	9.13		9.27
13	T & D Losses	%	11.65		11.93
14	Maximum demand during the year	MW	7965 (23-08-2016)		8983 (16/03/2018)
15	Per capita consumption	Kwh	1085		1147
16	Revenue				
a)	By sale of Power	Rs. Crores	20304.16		23949.72
b)	By sale of Power-inter state	Rs. Crores	191.04		570.46
c)	Transmission,SLDC./Miscellaneous/Others	Rs. Crores	2964.47		3598.83
d)	Subsidy/Grants	Rs. Crores	3289.42		4679.08
	Total (a+b+c+d)	Rs. Crores	26749.09		32798.09
17	Capital Expenditure (TRANSCO)	Rs. Crores	2300.44		1412.15

2. POWER DEVELOPMENT – PLAN WISE

2.1 PROGRESS UNDER FIVE YEAR PLANS - GENERATION							
S. No.	Plan Period	Capacity Added In the Plan period (MW)			Total Capacity Added (MW)	Peak Demand (MW)	consumers served (Lakhs)
		APGENCO & A.P.G.P.C.L	Central	Others			
1	Pre-Plan	43.10	-	-	43.10	22.6	0.30
2	1st Plan (1951-56)	55.80	-	-	98.90	54.6	1.19
3	2nd Plan (1956-61)	114.10	-	-	213.00	190	1.21
4	3rd Plan (1961-66)	77.60	-	-	290.60	258	2.55
5	3 Annual Plans (1966-69)	323.00	-	-	613.60	440	3.02
6	4th Plan (1969-74)	58.00	-	-	671.60	652	5.94
7	5th Plan (1974-78)	895.00	-	-	1566.60	970	2.21
8	2 Annual Plans (1978-80)	392.00	-	-	1958.60	1055	5.34
9	6th Plan (1980-85)	1205.30	162.00	-	3325.90	2158	13.95
10	7th Plan (1985-90)	669.81	555.00	-	4550.71	3070	28.36
11	2 Annual plans (1990 - 92)	341.00	90.00	-	4981.71	7168	9.91
12	8th Plan (1992-97)	1408.00	90.00	289.19	6768.90	5022	24.37
13	9th Plan (1997-02)	626.00	603.00	1058.00	9055.90	7143	47.49
14	10th Plan (2002-03)	460.00	606.25	206.70	1272.95	6895	6.39
15	10th Plan (2003-04)	164.15	106.25	96.33	366.73	7441	9.68
16	10th plan (2004-05)	20.00	358.50	31.65	410.15	7613	7.71
17	10th plan (2005-06)	-30.00	45.94	29.54	45.48	8239	7.74
18	10th plan (2006-07)	210.00	237.75	397.37	845.12	8641	10.56
19	10th plan(2002-07)	824.15	1354.69	761.59	2940.43	8641	42.08
20	11th plan (2007-08)	249.00	108.53	27.75	385.28	9162	10.95
Sl.No	As on	APGENCO & A.P.G.P.C.L and APTRIPCO	Central	Others	Total Capacity (MW)	Peak Demand (MW)	Consumers Served
22	As on 31.03.2009	7320.86	2963.22	2143.17	12427.25	9997	206.81
23	As on 31.03.2010	8359.86	3048.54	3217.12	14625.52	10880	218.27
24	As on 31.03.2011	8656.86	2882.68	3463.50	15003.04	11829	229.54
25	As on 31.03.2012	9198.06	3116.54	3561.89	15876.49	11972	240.82
26	As on 31.03.2013	9198.06	3428.97	3762.27	16389.30	11630	251.59
27	As on 31.03.2014	9198.06	3501.40	4017.87	16717.33	13162	261.45
28	As on 31.03.2015	4821.44 *	1712.73	7816.27	9529.00	6784	156.19
29	As on 31.03.2016	5621.44*	1795.95	5026.17	12443.56	7391	162.99
30	As on 31.03.2017	5709.16*	1750.85	9192.51	16652.52	7965	171.82
31	As on 31.03.2018	6847.32**	2330.55	8867.43	18045.30	8983	178.21

1) In 6th Plan RTS-A (47 MW) and Hyderabad Gas Turbo Sets (20 MW) were dismantled.

2) In 1990-92 100 MW added in Joint Sector, included in APGENCO capacity addition.

3) In 8th Plan 112 MW added in Joint Sector, included in APGENCO capacity addition.

4) In 9th Plan Central share reduced by 12 MW due to deration of Kalpakam(MAPP) from 40 MW to 28 MW

5) In 9th Plan 60 MW added in Joint Sector, included in APGENCO capacity addition.

NOTE :

i) % of Central Share increased

* As per share of residual AP ** share to TS utilities was withdrawn from 11.06.2017

2.2 PROGRESS UNDER FIVE YEAR PLANS - TRANSMISSION AND DISTRIBUTION

S.No.	Plan Period	As on	NUMBER OF SUB-STATIONS						TRANSMISSION Lines in (CKM) AND DISTRIBUTION LINES in (KM)							
			400 kV	220 kV	132 kV	66 kV	33 kV	Total	400 kV	220 kV	132 kV	66 kV	33 kV	11 kV	L.T	Total
1	End of 2nd Plan (1956-61)	31.3.1961			6		65	71			-	-	2883	11917	13738	28538
2	3rd Plan (1961-66)	31.3.1966			11	35	127	173			1872	2210	4789	18680	23525	51076
3	3 Annual plans (1966-69)	31.3.1969		2	17	35	143	197		637	2012	2242	5274	24260	33863	68288
4	4th Plan (1969-74)	31.3.1974		6	25	18	248	297		1140	2848	2234	6620	42879	65805	121526
5	5th Plan (1974-78)	31.3.1978		10	29	20	340	399		1725	3160	2091	8615	53678	88886	158155
6	2 Annual Plans (1978-80)	31.3.1980		15	42	20	554	631		2437	4322	2091	9178	63541	107588	189157
7	6th Plan (1980-85)	31.3.1985		19	64	11	781	875		4221	6642	1811	15656	100943	238532	367805
8	7th Plan (1985-90)	31.3.1990		29	106	10	1131	1276		5385	7769	1570	19545	122903	295170	452342
9	2 Annual plans (1990 - 92)	31.3.1992		37	123	10	1250	1420		5978	8806	833	21168	136553	340326	513664
10	8th Plan (1992-97)	31.3.1997		54	162	4	1652	1872		7978	10524	266	25811	158850	426778	630207
11	9th Plan (1997-02) ✧	31.3.2002	3	69	186	0	1941	2199	1301	10341	12413	0	30558	165564	442209	662386
12	10th Plan (2002-03)	31.3.2003	3	73	191	0	2123	2390	2033	10940	12793	0	32305	178321	467313	703704
13	10th Plan (2003-04)	31.3.2004	3	76	210	0	2329	2618	2033	11127	13030	0	32732	186988	473928	719839
14	10th Plan (2004-05)	31.3.2005	3	78	229	0	2474	2784	2033	11462	13351	0	33580	202547	486191	749164
15	10th Plan (2005-06)	31.3.2006	7	79	243	0	2642	2971	2686	11570	13894.6	0	34856	215008	504820	782835
16	10th Plan (2006-07)	31.3.2007	7	82	256	0	2821	3166	2816	11784.3	14313.4	0	35950	224688	513166	802718
	Total 10th Plan		4	9	65	0	698	776	783	844.177	1521	0	3645	46368	45853	99014
17	11th Plan (2007-08)	31.3.2008	8	90	264	0	3023	3385	2988	12236.3	14706.1	0	37206	234148	517685	818969
18	11th Plan (2008-09)	31.3.2009	9	93	269	0	3355	3726	3009	12502.6	14938.6	0	38628	248670	527852	845599
19	11th Plan (2009-10)	31.3.2010	9	96	277	0	3714	4096	3172	12693.2	15103.5	0	40033	260406	532656	864064
20	11th plan (2010-11)	31.3.2011	10	99	295	0	3887	4291	3307.9	12877.7	15586.9	0	40432	270167	542716	885088
21	11th plan (2011-12)	31.3.2012	10	109	309	0	4056	4484	3308	13622.6	15915.2	0	41149	280159	551959	906113
	Total 11th Plan		2	19	45	0	1033	1099	320	1386	1209	0	3943	46011	34274	87144
22	12th plan (2012-13)	31.3.2013	1	8	5	0	313	327	804	296	345	0	1314	10060	7880	20698
23	12th plan (2013-14)	31.3.2014	1	3	17		305	326	145	471	382	0	1467	10712	6552	19728
24	12th plan (2014-15) #	31.03.2015	0	0	3	0	109	112	302	243	157	0	512	11603	12959	25775
25	12th plan (2015-16)	31.03.2016	0	4	12	0	95	111	235	456	328	0	556	7581	8213	17369
26	12th plan (2016-17)	31.03.2017	4	9	11	0	38	62	715	594	307	0	164	25620	23586	50986
27	2017-18	31.03.2018	1	3	14	0	132	150	955	484	629	0	1024	8312	6475	17879

- 1) Gooty(20.8.75) and Bommur, Nellore & Shapur Nagar 132 KV SSs (76-77) upgraded to 220 KV
- 2) In 6th Plan Chandrayanagutta and Sullurpet 132 KV SSs are upgraded to 220 KV.
- 3) In 7th Plan Miryalaguda, Yeddumailaram, A.P.Carbides, Paloncha, Bhimadole, Ramagundam and Warangal 132 KV SSs are upgraded to 220 KV.
- 4) In 2 Annual Plans Garividi (90-91) and Kalikiri (91-92) 132 KV SSs are upgraded to 220 KV.
- 5) In 8th Plan Yerraguntla, Kalwakurthy, Nandyal, Ananthapur, Renigunta, Moulali and Chillakallu 132 KV SSs are upgraded to 220 KV.
- 6) In 9th Plan Kakinada, Siddipet, Karimnagar(1997-98), Waddekothapally, Nidadavolu(1998-99), Nirmal(1999-2000) 132KV SS's are upgraded to 220 KV
Bheemgal, Medchal, Tandur, Minpur(2000-01)), Waddekothapally, Nidadavolu(1998-99), Nirmal(1999-2000)
and 220 KV Chinakampally Sw.Stn is converted in to Conventional SS(2000-01)
- 7) In 9th Plan all lines (400kV to L.T) reconciled.
- 8) In 2001-02 33kV, 11kV and L.T line lengths are reconciled 9) In 10th plan Ino .Shivarampally SS is upgraded to 220kV SS.

✧ In 2001-02 33kV, 11kV and L.T line lengths are reconciled 9) In 10th plan Ino .Shivarampally SS is upgraded to 220kV SS.
Data for residual AP

2.3 PROGRESS UNDER FIVE YEAR PLANS - RURAL ELECTRIFICATION

(Figures in Nos.)

S.No.	Plan Period	Period (at the end of) as on	Distribution Transformers	Towns and Villages electrified	Hamlets electrified	Dalitwadadas electrified	Agricultural (pump sets energised)
1	Pre-Plan	31.3.1951	--	197	66	--	620
2	1st Plan	31.3.1956	--	630	133	--	4300
3	2nd Plan	31.3.1961	4667	2680	685	--	17968
4	3rd Plan	31.3.1966	8741	4353	1314	--	57225
5	3 Annual Plans	31.3.1969	12363	5788	1783	--	122321
6	4th Plan	31.3.1974	22549	10485	4890	8146	261989
7	5th Plan	31.3.1978	29033	14851	6000	10318	318357
8	2 Annual Plans	31.3.1980	34701	16659	6815	13960	388292
9	6th Plan	31.3.1985	48724	23078	9956	22477	636003
10	7th Plan	31.3.1990	80419	27610	15904	29899	1111569
12	2 Annual plans	31.3.1992	101376	27610	18035	33505	1273973
13	8th Plan	31.3.1997	148024	26829	21036	39074	1821239
14	9th Plan *	31.3.2002	213803	26829	27849	41466	2088759
15	10th Plan (2002-03)	31.3.2003	242668	26829	30302	42739	2257969
16	10th Plan (2003-04)	31.3.2004	323033	26829	30557	46315	2309605
17	10th Plan (2004-05)	31.3.2005	405937	26829	31253	49298	2374365
18	10th Plan (2005-06)	31.3.2006	474959	26877	31593	51440	2440823
19	10th Plan (2006-07)	31.3.2007	519365	26877	31617	54042	2527800
20	11th plan (2007-08)	31.3.2008	580721	26823	31741	55572	2599635
21	11th plan (2008-09)	31.3.2009	672426	26823	31799	56156	2680671
22	11th plan (2009-10)	31.3.2010	737544	26823	31838	56239	2769275
23	11th plan (2010-11)	31.3.2011	811108	26823	31940	56340	2909006
24	11th plan (2011-12)	31.3.2012	894581	26823	32271	56408	3061914
25	12th plan (2012-13)	31.3.2013	971727	26823	32271	56408	3203871
26	12th plan (2013-14)	31.3.2014	1032863	26823	32271	56415	3344637
27	12 th plan (2014-15)	# 31.03.2015	621171	16353	28611	36309	1509495
28	12 th plan (2015-16)	31.03.2016	635055	16353	28739	36312	1581855
29	12 th plan (2016-17)	31.03.2017	769642	16353	29282	36312	1657258
30	2017-18	31.03.2018	875547	16353	29287	36312	1720670

* As per 2001 Census

From 10th Plan onwards AGL pumpsets includes RESCO services

Figures indicate for residual AP

2.4 PROGRESS UNDER FIVE YEAR PLANS : FIXED ASSETS AND REVENUE

(Rs. in Crores)					
S. No.	Plan	As on	Gross Block Fixed Assets	Accumulated Depreciation	Gross Revenue
1	Up to 1961	31.03.1961	27.95	-	6.78
2	3rd Plan	31.3.1966	89.52	15.78	18.00
3	3 Annual Plans	31.3.1969	163.46	29.37	29.85
4	4th Plan	31.3.1974	281.23	66.59	56.70
5	5th Plan	31.3.1978	610.62	470.59	124.72
6	2 Annual Plans	31.3.1980	819.94	185.76	174.94
7	6th Plan	31.3.1985	1463.05	323.59	520.37
8	7th Plan	31.3.1990	2547.39	708.53	1015.98
9	2 Annual Plans	31.3.1992	6642.72	1570.48	2935.08
10	8th Plan	31.3.1997	6847.89	2143.57	4408.94
11	9th Plan	31.3.2002	7622.83	2899.84	8839.92
12	10th Plan (2002-03)	31.3.2003	8757.32	3398.44	10088.67
13	10th Plan (2003-04)	31.3.2004	9907.31	3968.30	10981.24
14	10th Plan (2004-05)	31.3.2005	11298.05	4622.70	11589.49
15	10th Plan (2005-06)	31.3.2006	13049.24	5410.97	12361.53
16	10th Plan (2006-07)	31.3.2007	14377.13	6285.65	13947.03
17	11th Plan (2007-08)	31.3.2008	16865.07	7087.73	16902.20
18	11th Plan (2008-09)	31.3.2009	18951.80	8157.78	23069.48
18	11th Plan (2009-10)	31.3.2010	21580.70	9378.55	24508.64
19	11th plan (2010-11)	31.3.2011	24173.95	10749.05	28188.55
20	11th plan (2011-12)	31.3.2012	26800.63	12282.43	34620.43
21	12th plan (2012-13)	31.3.2013	29999.95	13957.33	35847.47
22	12th plan (2013-14)	31.3.2014	33062.94	15807.45	39900.26
23	12 th plan (2014-15)	31.03.2015	24929.92	9640.16	23899.00
24	12 th plan (2015-16)	31.03.2016	30822.05	10879.89	24875.26
25	12 th plan (2016-17)	31.03.2017	26967.05	12280.57	26749.09
26	2017-18	31.03.2018	28600.38	11480.38	32798.09
* From 1999-2000 ,A.P.TRANSCO + DISCOMS					

2.5 OUTLAY ON POWER DEVELOPMENT IN A.P

(Rs. Crores)

S.No.	Plan	Period	Transmission	Distribution	Rural Electrification	Others @	Board's Plan Expr.	Additionality	Outside Plan	Total Board Expr.	State Plan Expenditure	% of Board's Plan Expr. To State Expr.
1	1st Plan	1951-56	----- NOT AVAILABLE -----				37.84	-	-	37.84	96.78	39.10
2	2nd Plan	1956-61	-	17.78	-	0.21	17.99	-	-	17.99	188.60	9.54
3	3rd Plan	1961-66	8.52	21.81	-	0.40	30.73	-	-	30.73	352.42	8.72
4	Three Annual Plans	1966-69	22.14	19.21	-	0.91	42.26	-	-	42.26	234.06	18.06
5	4th Plan	1969-74	13.44	54.31	-	0.62	68.37	-	-	68.37	448.87	15.23
6	5th Plan	1974-78	35.05	51.92	-	0.47	87.44	-	-	87.44	1004.28	8.71
7	Two Annual Plans	1978-80	40.02	51.48	-	0.22	91.72	-	-	91.72	899.60	10.20
8	6th Plan	1980-85	159.33	82.40	104.62	0.91	347.26	-	96.68	443.94	3237.07	10.73
9	7th Plan	1985-90	149.68	220.44	71.95	31.35	473.42	119.31	385	977.73	5976.60	7.92
10	2 Annual Plans	1990-92	112.73	124.78	41.59	48.97	328.07	242.45	217.18	787.70	3027.38	21.54
11	8th Plan	1992-97	278.17	476.94	123.43	126.51	1005.05	1749.25	525.29	3279.59	13606.58	7.39
12	9th Plan	1997-02	1210.55	958.57	108.57	313.06	2590.75	2215.01	257.21	5062.97	27790.75	10.22
13	10th Plan	2002-03	362.62	983.54						1346.16	--	--
14	10th Plan	2003-04	248.01	1247.62						1495.63	--	--
15	10th Plan	2004-05	415.38	1301.79						1717.17	--	--
16	10th Plan	2005-06	358.18	1263.50						1621.68	--	--
17	10th Plan	2006-07	499.46	1515.18						2014.64		
18	10th Plan Total	2002-07	1883.65	6311.63						8195.28		
19	11th Plan	2007-08	482.06	1754.42						2236.48		
20	11th Plan	2008-09	555.91	1872.75						2428.66		
21	11th Plan	2009-10	906.91	1942.43						2849.34		
22	11th Plan	2010-11	1092.35	1577.26						2669.61		
23	11th Plan	2011-12	1221.00	2019.16						3240.16		
24	11th Plan Total	2007-2012	4258.23	9166.02						13424.25		
25	12th Plan	2012-13	1135.57	2540.79						3676.36		
26	12th Plan	2013-14	1372.97									
27	12th Plan	2014-15	968.70									
28	12th Plan	2015-16	2148.45									
29	12th Plan	2016-17	2300.45									
30	2017-18	2017-18	1412.15									

@ Others S&I and Cyclone Reconstruction expenditure, AP Energy Efficiency project, AP Hazard Mitigation, APLI

Note: Column (8) is sum of columns (4) to (7)

Column (11) is sum of columns (8) to (10)

Column (13) is ratio of column (11) to column (12) in percentage

✧ From 2000-01, GOAP's support through Annual Plans is limited to Tariff subsidy and EAP's

3. SIXTH AND SEVENTH FIVE YEAR PLANS

3.1 ACHIEVEMENTS IN SIXTH FIVE YEAR PLAN - FINANCIAL

(Rs.in Crores)

S.No.	Category	VI Plan Approved	1980-81 Expenditure	1981-82 Expenditure	1982-83 Expenditure	1983-84 Expenditure	1984-85 Expenditure	Total Expenditure
A)	PLAN							
	A.P.S.E.BOARD							
	Generation	230.00	42.18	44.72	31.03	53.99	78.15	250.07
	Transmission	240.00	31.93	42.83	35.81	27.69	21.07	159.33
	☆ 170.65							
	Distribution	90.38	10.58	16.47	17.77	13.75	23.83	82.40
	Rural Electrification	130.00	29.32	16.37	29.31	9.61	20.01	104.62
	Survey & Investigation	1.00	0.11	0.19	0.21	0.20	0.20	0.91
	Total A.P.S.E.BOARD	520.73	114.12	120.58	114.13	105.24	143.26	597.33
B)	GOVERNMENT							
	Srisaillam Project							
	Stages - I & II	93.32	21.94	29.18	26.34	38.00	20.19	135.65
	Payment to Orissa Government towards A.P's share of							
	Balimela Dam Project	5.00	2.00	3.00	--	--	--	5.00
	Total GOVERNMENT	98.32	23.94	32.18	26.34	38.00	20.19	140.65
I	TOTAL A+B (PLAN)	619.05	138.06	152.76	140.47	143.24	163.45	737.98
II	OUT SIDE PLAN							
	Rural Electrification		3.67	15.53	21.60	25.80	30.08	96.68
	Total Power Sector (PLAN +OUT SIDE PLAN) (I + II)		141.73	168.29	162.07	169.04	193.53	834.66

☆ Rs. 170.65 Crore provision is excluding the amount provided for 400 KV system in VI Plan period which was executed by N.T.P.C.

3.2 ACHIEVEMENTS IN SIXTH FIVE YEAR PLAN - PHYSICAL

S.No.	Item	Unit	1980-81	1981-82	1982-83	1983-84	1984-85	Total
1	GENERATION							
I	State Sector:							
	Thermal							
	Vijayawada-Unit-II	MW	210	--	--	--	--	210
	Units Dismantled	MW						
	RTS-A Unit-I	MW	--	--	-12.5	--	--	-12.5
	RTS-A Units-II&III	MW	--	--	--	--	-25	-25
	Hussian Sagar	MW	--	--	--	--	-10	-10
	Hyderabad Gas Turbines	MW	--	--	--	--	-20	-20
	Total Thermal	MW	210	0	-12.5	0	-55	142.5
	Hydel							
	Nagarjunasagar Unit - II & III	MW	201.6	--	--	--	--	201.6
	Nagarjunasagar Unit - IV & V	MW	--	--	201.6	--	--	201.6
	Nagarjunasagar Unit - VI & VII	MW	--	--	--	--	201.6	201.6
	Donkarai	MW	--	--	--	25	--	25
	N'sagar Right Canal Unit - I	MW	--	--	30	--	--	30
	N'sagar Right Canal Unit - II	MW	--	--	--	30	--	30
	Srisailem Unit - I & II	MW	--	--	220	--	--	220
	Srisailem Unit - III	MW	--	--	--	110	--	110
	Srisailem Unit - IV	MW	--	--	--	--	110	110
	Total Hydel	MW	201.6	0	451.6	165	311.6	1129.8
	Total State Sector	MW	411.6	0	439.1	165	256.6	1272.3
II	Central Sector Share							
	Ramagundam STPS Unit - I	MW	--	--	--	54	--	54
	Ramagundam STPS Unit - II & III	MW	--	--	--	--	108	108
	Total Central Share	MW	0	0	0	54	108	162
	Total Capacity Addition	MW	411.6	0	439.1	219	364.6	1434.3
	Installed Capacity	MW	2303.2	2303.2	2742.3	2961.3	3325.9	

3.2 ACHIEVEMENTS IN SIXTH FIVE YEAR PLAN - PHYSICAL

S.No	Item	Unit	1980-81	1981-82	1982-83	1983-84	1984-85	Total
2	GENERATION & SALES							
a) i)	Units Generated	MU	7276	9077	10246	11001	12551	50151
ii)	Units Purchased	MU	102	40	29	183	851	1205
iii)	Gross Generation	MU	7378	9117	10275	11184	13402	51356
b)	Units Sold :							
i)	Within the State	MU	5110	6100	7107	7722	9239	35278
ii)	Export	MU	282	479	314	551	873	2499
3	TRANSMISSION & DISTRIBUTION							
a)	220 kV Sub-stations	No.	--	1	1	--	2	4
b)	132kV Sub-stations \$	No.	6	6 (-1)(\$)	5 (-1)(\$)	4	3	24 (-2)(\$)
c)	33kV Sub-stations	No.	31	23	25	24	124	227
	Sub-Total (a+b+c)	No.	37	30 (-1)(\$)	31 (-1)(\$)	28	129	255 (-2)(\$)
d)	220 kV Lines	CKM	180	339	347	--	298	1164
e)	132 kV Lines	CKM	217	257	199	174	280	1127
f)	33 kV Lines	CKM	469	554	868	543	1455	3889
g)	11 kV Lines	KM	5047	3379	3554	4468	5512	21960
h)	L.T.Lines	KM	9747	9230	10538	9891	17232	56638
	Sub-Total (d to h)	KM	15660	13759	15506	15076	24777	84778
4	Distribution Transformers	No.	2826	2631	2819	2622	3125	14023
5	Services released	No.	185430	215388	291163	255801	330084	1277866
6	RURAL ELECTRIFICATION							
a)	Villages electrified	No.	1319	1436	1471	1000	1193	6419
b)	Hamlets electrified	No.	675	555	512	593	806	3141
c)	Pumpsets energised	No.	39522	50182	53302	46424	60561	249991
d)	Dalitwadadas electrified	No.	2075	2250	2639	1678	1578	10220
e)	Weaker section colonies electrified	No.	--	--	319	209	290	818

\$ Chandrayanagutta (81-82) and Sullurpeta (1.5.82) 132 KV SSs are upgraded to 220 KV

3.3 ACHIEVEMENTS IN SEVENTH FIVE YEAR PLAN - F I N A N C I A L

S.No.	Head/ Sub-Head of Development	Approved Outlay for 7th Five year Plan (1985-90)	1985-86 Expen- diture	1986-87 Expen- diture	1987-88 Expen- diture	1988-89 Expen- diture	1989-90 Expen- diture	Total Expen- diture for the 7th Five year Plan
A.	A.P.S.E.BOARD							
	1. Generation	431.24	73.95	81.80	109.30	131.17	122.30	518.52
	2. Transmission	294.80	27.11	28.97	28.40	28.56	36.64	149.68
	3. Distribution	221.10	33.74	45.72	44.34	45.87	50.77	220.44
	4. Rural Electrification	105.55	17.29	16.84	16.70	12.89	8.23	71.95
	5. Survey & Investigation	2.21	0.23	0.27	0.19	0.32	0.38	1.39
	TOTAL APSEB PLAN	1054.90	152.32	173.60	198.93	218.81	218.32	961.98
B.	GOVERNMENT							
	Srisailem Project	50.00	8.50	15.19	13.63	14.90	10.04	62.26
C.	P.F.C Loan :							
	a) Vijayawada TPS Stage-II	--	--	--	--	60.00	30.00	90.00
	b) Transmission	--	--	--	--	11.08	18.23	29.31
	TOTAL P F C LOAN	--	--	--	--	71.08	48.23	119.31
	TOTAL POWER SECTOR (A+B+C)	1104.90	160.82	188.79	212.56	304.79	276.59	1143.55
D.	OUTSIDE PLAN :							
	a) Rural Electrification		45.58	71.68	75.64	86.04	86.59	365.53
	b) Distribution		3.41	2.45	0.28	9.73	3.60	19.47
E.	R & M of K.T.P.S							
	with Central Assistance		3.18	6.82	14.80	4.66	0.50	29.96
	TOTAL CAPITAL EXPENDITURE (A+B+C+D+E)	1104.90	212.99	269.74	303.28	405.22	367.28	1558.51

3.4 ACHIEVEMENTS IN SEVENTH FIVE YEAR PLAN - PHYSICAL

S.No.	I t e m	Unit	Target for 7th plan approved by Plg. Commission	1985-86	1986-87	1987-88	1988-89	1989-90	Total for 7th plan
I	State Sector								
1	Nagarjunasagar Pumped Storage HES Stage-III (3rd unit 100 MW)	MW	100.80	100.80	--	--	--	--	100.80
2	Srisaillam HES Stage-II (3 x 110 MW)	MW	330.00	110.00	220.00	--	--	--	330.00
3	Pochampad HES (3 x 9 MW)	MW	27.00	--	9.00	18.00	--	--	27.00
4	A.P.Power House at Balimela (2 x 30 MW)	MW	60.00	--	--	--	--	--	--
5	Penna Ahobilam HES (2 x 10 MW)	MW	20.00	--	--	--	--	--	--
6	Nagarjunasagar Right Canal HES - 3rd unit (30 MW)	MW	30.00	--	--	--	--	--	--
7	Nagarjunasagar Left Canal HES (2 x 30 MW)	MW	60.00	--	--	--	--	--	--
8	Mini/Small Hydel Schemes (1.5 MW)	MW	1.50	0.22	--	1.79	--	--	2.01
9	Vijayawada TPS - Stage-II (1st unit 210 MW)	MW	210.00	--	--	--	--	210.00	210.00
	Total State Sector	MW	839.30	211.02	229.00	19.79	--	210.00	669.81
	Central Sector Share								
1	Ramagundam Unit - IV & V	MW		--	--	--	278.00	--	278.00
2	Ramagundam Unit - VI	MW		--	--	--	--	140.00	140.00
3	MAPP (Kalpakam)	MW		40.00	--	--	--	--	40.00
4	Neyveli Stage II Unit - I	MW		--	32.00	--	--	--	32.00
5	Neyveli Stage II Unit - II	MW		--	--	65.00	--	--	65.00
	Total Central Share	MW		40.00	32.00	65.00	278.00	140.00	555.00
	Total Capacity Addition	MW		251.02	261.00	84.79	278.00	350.00	1224.81
	Installed Capacity	MW		3576.92	3837.92	3922.71	4200.71	4550.71	5775.52

(Contd. ..)

3.4 ACHIEVEMENTS IN SEVENTH FIVE YEAR PLAN - PHYSICAL

S.No.	I t e m	Unit	Target for 7th plan approved by Plg. Commission	1985-86	1986-87	1987-88	1988-89	1989-90	TOTAL
2	GENERATION & SALES								
a) i)	Units Generated	MU	--	12225	13799	13850	14141	15024	69039
ii)	Units Purchased	MU	--	2236	2219	1847	2910	4047	13259
iii)	Gross Generation	MU	--	14461	16018	15697	17051	19071	82298
b)	Units Sold :								
i)	Within the State	MU	--	10321	11770	11678	13059	14435	61263
ii)	Export	MU	--	538	301	214	146	193	1392
3	TRANSMISSION & DISTRIBUTION								
a)	220 kV Sub-stations	No.	9	2	--	2	2	4	10
b)	132 kV Sub-stations \$	No.	31	9	16	11 (-2)(\$)	2 (-3)(\$)	12 (-3)(\$)	50 (-8)(\$)
c)	33 kV Sub-stations	No.	294	63	109	74	47	57	350
	Sub-Total (a+b+c)	No.	334	74	125	87 (-2)(\$)	51 (-3)(\$)	73 (-3)(\$)	410 (-8)(\$)
d)	220 kV Lines	Ckm	1049	215	211	237	273	249	1185
e)	132 kV Lines	Ckm	1458	601	547	290	236	266	1940
f)	33 kV Lines	Km		855	1532	786	853	700	4726
g)	11 kV Lines	Km		6609	5384	6589	6881	6500	31963
h)	L.T.Lines	Km		19148	19120	24159	19866	19500	101793
	Sub-Total (d-to-h)	Km		27428	26794	32061	28109	27215	141607
4	Distribution Transformers	No.		5106	5638	6699	7516	6650	31609
5	Services released (excluding Agriculture)	No.	1550000	242840	443285	416654	612406	437657	2152842
6	RURAL ELECTRIFICATION								
a)	Villages electrified	No.	4367	826	905	1076	1250	391	4448
b) i)	Pumpsets energised	No.	350000	82257	89369	110954	94529	71446	448555
ii)	Pumbsets Energised by R.E.S.Co-op.	No.		6455	5439	6281	5197	3641	27013
c)	Hamlets electrified	No.	9500	1454	1666	842	1428	802	6192
d)	Dalitwadas electrified	No.		1694	1777	1016	1103	1679	7269
e)	Weaker section colonies electrified	No.		383	808	636	973	1037	3837

\$ Miryalaguda and Yeddumailaram (87-88), A.P.Carbides and Paloncha (88-89) and Bhimadole, Ramagundam & Warangal(89-90) 132 KV SSs are upgraded to 220kV . Also old 132kV Garividi SS is sold out in 1988-89.

4. ANNUAL PLANS 1990-91 & 1991-92 AND EIGHTH FIVE YEAR PLAN (1992-97)

4.1 ANNUAL PLAN 1990-91

(Rs.in Lakhs)

Sl. No.	Name of the Scheme	Approved by Planning Commission in 3/91	Actual Expenditure
I.	GENERATION		
a)	CONTINUING SCHEMES :		
1	Srisaillam HES Stage-II (3 x 110 MW)	0.24	28.13
2	Nagarjunasagar Pumped Storage HES (3 x 100 MW)	0.72	50.36
3	Pochampad H.E.S. (3 x 9 MW)	0.04	4.74
4	Nagarjunasagar Right Canal HES (3rd unit - 30 MW)	0.61	58.00
5	V.T.P.S. Stage-II (2 x 210 MW)	56.5	3577.06
6	Nagarjunasagar Left Canal HES (2 x 30 MW)	4	561.45
7	Penna Ahobilam HES (2 x 10 MW)	0.8	124.95
8	Upper Sileru HES Stage-II (2 x 60 MW)	5.65	1022.15
9	Srisaillam Left Bank HES (6 x 150 MW)	22	2447.6
10	A.P.Power House at Balimela (2 x 30 MW)	0.1	-50.72
11	Mini Hydel Schemes	2	138.43
12	Rayalaseema TPP Stage-I (2 x 210 MW)	60	6401.51
13	Vijayawada TPS Stage-III (2 x 210 MW)	34.5	4028.88
14	Gas Based TPS at Vijjeswaram (3 x 33.6MW)	1	100.00
15	Vijayawada T.P.S. Stage-I(2x210 MW)	--	-107.67
16	Srisaillam HES - Stage-I (4 X 110 MW)		0.19
b)	NEW SCHEMES :		
	Singur HES (2 x 7.5 MW)		
	Total Generation	188.16	18385.06
II.	UPRATING / R & M SCHEMES		
	Thermal Projects	6.39	
1	KothagudemTPS-1st Phase		578.58
2	KothagudemTPS-2nd Phase		
3	Ramagundam TPS-'B'Station		-2.95
4	Nellore TPS		94.85
	Total for R & M		670.48
III.	TRANSMISSION	72	7725.98
IV.	DISTRIBUTION & SYSTEM IMPROVEMENTS	78	6548.44
V.	RURAL ELECTRIFICATION	16	1629.88
VI.	SURVEY & INVESTIGATION	0.76	59.16
A	TOTAL PLAN (I TO VI)	361.31	35019.00
B	Cyclone Reconstruction Project		67.00
	GRAND TOTAL PLAN (A+B)		35086.00
	OUTSIDE PLAN		10858.33
	TOTAL (PLAN + OUTSIDE PLAN)		45944.33
✧	Includes PFC Loan received in 1990-91		
1	Upper Sileru HES Stage-II		360.00
2	Rayalaseema TPP Stage-I		4109.00
3	Transmission		3775.00
4	Distribution & System Improvements		130.00
	TOTAL		8374.00

4.2 TARGETS AND ACHIEVEMENTS IN ANNUAL PLANS 1990-91 & 91-92

S.No.	Particulars	Units	PHYSICAL			
			1990 - 91		1991 - 92	
			Targets	Achievement	Targets	Achievement
1	Installed Capacity					
I	State Sector:					
A	Thermal					
	Vijayawada Unit-IV	MW		210		--
	Total Thermal	MW		210		--
B	Hydel					
	N'Sagar Right canal Unit - III	MW		30		--
	Mini Hydel	MW		--		1
	Total Hydel	MW		30		1
	Total State Sector	MW		240		1
II	Joint Sector					
	Vijjeswaram (Gas) Unit - I & II	MW		66		--
	Vijjeswaram (Gas) Unit - III			--		34
	Total Joint Sector	MW		66		34
	Total (I+II)	MW	306	306	34	35
III	Central Sector:					
	Neyveli IInd Mine Cut Unit - I&II	MW		45		45
	Total Central Sector	MW		45		45
	Total Capacity Addition	MW		351		80
	Installed Capacity	MW		4901.71		4981.71
2.	a) Generation	MU	17094	18119	18065	18242
	b) Purchases	MU	3841	2984	4540	5010
	c) Gross Generation	MU	20935	21103	22605	23252
3.	Units Sold					
	a) Within the State	MU	16223	16093	17491	17760
	b) Export	MU		161		182
4.	220 kV Sub-stations	Nos.	8	2	8	6
5.	132 kV Sub-stations (\$)	Nos.	13	7 (-1)	15	12 (-1)
6	33 kV Sub-stations	Nos.	40	43	42	76
7	220 kV Lines	Ckm.	587	202	349	391
8	132 kV Lines	Ckm.	1033	224	1033	813
7.	66 KV Lines	Ckm.				
8.	33 KV Lines	Ckm.				
7.	11 KV Lines	Ckm.				
8.	L.T Lines	Ckm.				
9	Services other than Agriculture	Nos.	222620	343706	400000	471557
10	Villages already electrified with Solar Panels for conversion to Conventional lines	Nos.	250	259	250	154
11	Agricultural Pumpsets	Nos.	75000	81794	55000	80609
12	Hamlets Electrified	Nos.	500	673	750	822
13	Dalit wadas electrified	Nos.	1250	2196	1250	1410
14	Weaker Section Colonies electrified	Nos.	750	610	1000	1113

\$ Garividi (90-91) and Kalikiri (91-92) 132 KV SSs are upgraded to 220 KV.

4.3 ANNUAL PLAN : 1991 - 92

Rs. in lakhs

S.No.	Name of the Scheme	Capacity MW	PLAN PROVISION		Actual Expenditure
			Budget Estimate	Revised Estimate	
A.	NORMAL PLAN				
1.	Generation				
a)	Continuing Schemes				
1	Srisaillam HES Stage - II	3x110	60	10	29
2	Nagarjunasagar Pumped Storage HES Stage - II	3x100	25	6	33
3	Pochampad HES (3 x 9 MW)	3x9	35	5	3
4	Nagarjunasagar Left Canal HES	2x30	473	442	374
5	Nagarjunasagar Right Canal HES	30	80	150	32
6	Penna Ahobilam HES	2x10	150	77	151
7	A.P. Power House at Balimela	2x30	250	30	-3
8	Upper Sileru HES Stage - II	2x60	1350	400	336
9	Srisaillam Left Bank HES		4500	5500	6097
10	Mini/ Small Hydel Schemes		200	400	502
11	Vijayawada TPS Stage-II	2x210	200	1400	788
12	Rayalaseema TPP	2x210	8000	8000	8016
	(P F C)				5115
13	Vijayawada TPS - Stage III	2x210	2000	2000	5021
	(P F C)				6000
14	Vijayawada TPS Stage - I		--	--	-2
15	Donkarai Power House		--	--	-10
	Sub - Total (a)		17323	18420	21367
	(P F C)				11115
b)	New Schemes				
1	Singur HES	2x7.5	100	12	5
	Sub - Total (b)				5
c)	Renovation Schemes				
1	Kothagudem TPS - 1st Phase		180	125	--
	(P F C)				284.00
2	Kothagudem TPS - 2nd Phase		604		--
3	Ramagundam TPS - 'B' Station		---		21
4	Nellore TPS		200		68
	(P F C)				4
	Sub - Total (c)		984	125	89
	(P F C)				288
I.	Total Generation (a+b+c)		18407	18557	21461
	(P F C)				11403
II.	Transmission		7000	7500	7322
	(P F C)				3468
III.	Distribution & System Improvements		9000	8000	6060
	(P F C)				1000
IV.	Rural Electrification		2450	3129	2529
V.	Survey and Investigation		81	53	62
A.	Total Plan (I to V)		36938	37239	37434
	(P F C)				15871
B.	Cyclone Reconstruction Project		2093	2093	3949
	TOTAL PLAN (A+B)		39031	39332	41383
C.	Additionality (PFC)				15871
D.	OUTSIDE PLAN				10860
	Total A+B+C+D		39031	39332	68114

4.4 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN-FINANCIAL (1992-93 TO 1996-97)

Rupees in lakhs.

Sl.No	Scheme	Eighth Plan (Provision)	Actual Expenditure					Total
			1992-93	1993-94	1994-95	1995-96	1996-97	
a)	NORMAL PLAN							
I	GENERATION							
	ON-GOING SCHEMES							
1.	Srisaillam Stage-II (3x110 MW).	20	72	15	--	--	--	87
2.	Nagarjunasagar Pumped Storage HES - Stage -II (3 x 100MW)	35	28	54	11	22	1	116
3.	Pochampad HES (3x9 MW).	--	--	1	--	--	--	1
4.	Nagarjunasagar Right Canal HES -3rd Unit (30 MW) (EAP)	67	68	30	8	4	1	111
5.	Nagarjunasagar Left Canal HES - (2x30 MW) (EAP)	356	403	31	7	--	--	441
6.	Penna Ahobilam HES (2x10 MW)	238	133	144	90	45	38	450
7.	A.P.Power House at Balimela (2x30 MW)	500	8	--	--	--	--	8
8.	Upper Sileru HES Stage-II (2 x 60 MW)	2572	1434	1064	36	311	118	2963
					300			300
9.	Srisaillam Left Bank HES (6x150 MW) (EAP)	72950	3098	4143	27276	45069	34744	114330
					8184			8184
10.	Singur HES (2x7.5 MW).	2429	392	130	85	753	119	1479
					777	111	+3.00	891
11.	Mini/ Small Hydel Scheme	787	393	177	127	117	4	818
12.	Kothagudem TPS Stage-V (2 x 210 MW)		6505	1681	800	9939	2000	20925
					3091	38962	21605	63658
13.	Vijayawada TPS-Stage-II (2x210 MW)	850	851	249	180	70	16	1366
14.	Rayalaseema TPS Stage-I (2 x 210 MW)	39704	15839	19032	7500	3970	13183	59524
			3147		3035			6182
15.	Vijayawada TPS Stage-III (2 x 210 MW)	35491	5550	6403	4000	2695	550	19198
			10271	16169	11990		116	38546
	Sub Total (On going Schemes)	155999	37921	33154	55507	102068	72379	301032
			13418	16169	27377	39073	21724	117761

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4.4 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN-FINANCIAL (1992-93 TO 1996-97)

Rupees in lakhs.

				Actual Expenditure					
Sl.No.	Scheme	Eighth Plan Provision	1992-93	1993-94	1994-95	1995-96	1996-97	Total	
NEW SCHEMES :									
16.	Visakhapatnam TPS (2 x 500 MW) Stage -I	3149.00	25.00	315.00	51.00	--	--	391.00	
17.	Krishnapatnam TPS (2 x 250 MW)		10.00	127.00	--	727.00	14.00	878.00	
						+12.00	+128.00	+140.00	
18.	Ramagundam TPS Extension (2x210 MW)		--	--	--	0.00	--	0.00	
						+1.00	--	+1.00	
19.	Jurala HES (6x36.9 MW) A.P Share 50%		11.00	8.00	11.00	13.00	18.00	61.00	
20.	Gas Based TPS at Jegurupadu near Rajahmundry Stage -I (400 MW).		--	--	400.00	--	--	400.00	
21.	Wind Format Ramagiri	--	121.00	415.00	1.00	--	537.00		
22.	Hydro Metro Project (650 MW)	--	--	--	--	423.00	423.00		
SUB-TOTAL (NEW SCHEMES)		3149.00	46.00	571.00	877.00	741.00	455.00	2690.00	
						+13.00	+128.00	+141.00	
SUB-TOTAL - I (GENERATION)		159148.00	34820.00	33725.00	40997.00	63736.00	51229.00	224507.00	
		41500.00	+13418.00	+16169.00	+27377.00	+39086.00	+21852.00	+117902.00	
II	R & M SCHEMES :								
THERMAL PROJECTS :									
1	Kothagudem TPS-Phase-I.	3867.00 +9023.00	50.00	55.00	--	--	--	105.00	
2	Kothagudem TPS-Phase-II.		251.00	25.00	9.00	23.00	--	308.00	
			+519.00	+136.00	+35.00			+690.00	
3	KTPS 'A' life extn.		--	--	--	--	--	--	
4	Programme						+1901.00	+1901.00	
5	Ramagundam TPS-B Station		4.00	--	3.00	8.00	5.00	20.00	
					+1.00			+1.00	
6	Nellore TPS.		69.00	20.00	3.00	--	--	92.00	
			+12.00	+2.00	+3.00			+17.00	
HYDEL PROJECTS :									
1	Machkund.	3867.00 +9023.00	--	--	--	--	--	--	
2	Nizamsagar		--	--	--	--	--	--	
3	Srisailem.		--	0.00	103.00	0.00	--	103.00	
				+77.00		+48.00		+125.00	
4	Lower Sileru.		--	--	40.00	16.00	--	56.00	
SUB-TOTAL - II (R & M)		3867.00	374.00	100.00	158.00	47.00	5.00	684.00	
		9023.00	+531.00	+215.00	+39.00	+48.00	+1901.00	+2734.00	

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4.4 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN-FINANCIAL (1992-93 TO 1996-97)

Rupees in lakhs.

Sl.No.	Scheme	Eighth Plan Provision	Actual Expenditure					Total
			1992-93	1993-94	1994-95	1995-96	1996-97	
III	TRANSMISSION.	45000.00	8397.00	5593.00	4580.00	5931.00	3316.00	27817.00
		+15000.00	+5888.00	+6741.00	+9574.00	+4026.00	+2780.00	+29009.00
IV	DISTRIBUTION AND SYSTEM IMPROVEMENT	65000.00	11341.00	12491.00	9000.00	7135.00	7727.00	47694.00
		+10000.00	+915.00	+2809.00	+13699.00	+2655.00	+5202.00	+25280.00
V	RURAL ELECTRIFICATION.	11000.00	2100.00	1632.00	3000.00	2988.00	2623.00	12343.00
VI	SURVEY AND INVESTIGATION	500.00	75.00	89.00	110.00	111.00	68.00	453.00
a)	SUB-TOTAL I to VI (Plan) (I TO VI)	284515.00	57107.00	53630.00	57845.00	79948.00	64968.00	313498.00
	SUB-TOTAL I to VI (Additionalily)	75523.00	+20752.00	+25934.00	+50689.00	+45815.00	+31735.00	+174925.00
	SUB-TOTAL I to VI	360038.00	77859.00	79564.00	108534.00	125763.00	96703.00	488423.00
b)	Cyclone Emergency Reconstruction Project (CERP).	14047.00	6262.00	6389.00	--	--	--	12651.00
c)	OUT SIDE PLAN		7541.00	15606.00	13151.00	11128.00	5103.00	52529.00
	Grand Total	374085.00	91662.00	101559.00	121685.00	136891.00	101806.00	553603.00

4.5 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN - PHYSICAL

S.No.	Name of the Project (District)	Unit	Proposed target for 8th plan	1992-93	1993-94	1994-95	1995-96	1996-97	Total for 8th Plan
I	Generation								
	State Sector								
a)	Thermal:								
	Rayalaseema TPS Stage I	MW		-	210	210	-	-	420
	Vijayawada TPS Stage III	MW		-	210	210	-	-	420
	Kothagudem TPS Stage V	MW		-	-	-	-	250	250
	Total Thermal	MW		0	420	420	0	250	1090
b)	Hydel:								
	Nagarjunasagar LCPH	MW		60	-	-	-	-	60
	Penna Ahobilam	MW		-	20	-	-	-	20
	Upper Sileru Stage-II	MW		-	60	60	-	-	120
	Mini Hydel	MW		2	1	-	1	-	4
	Total Hydel	MW		62	81	60	1	0	204
c)	Wind:								
	Wind Farm at Ramagiri	MW		-	-	2	-	-	2
	Total State Sector	MW	1303	62	501	482	1	250	1296
d)	Joint Sector								
	APGPCL-Vijjeswaram (W.Godavari)	MW		-	-	-	-	112	112
e)	Private Sector								
i)	Fast Track Projects								
	GVK - Jegurupadu	MW		-	-	-	-	140.5	140.5
	Spectrum - Kakinada	MW		-	-	-	-	92.2	92.2
ii)	Non-Conventional Energy Projects								
	Mini Hydel	MW		-	-	-	3.75		3.75
	Wind	MW		-	-	2.925	38.925	9.39	51.24
	Co-Generation	MW		-	-	-	-	1.5	1.5
	Total Private Sector	MW		0	0	2.925	42.675	243.59	289.19
f)	Central Sector Projects								
	Neyveli TPS 2nd Mine Cut.	MW		45	45	-	-	-	90
	Total Central Sector	MW		45	45	0	0	0	90
	<i>Total Capacity Addition</i>	MW		107.00	546.00	484.925	43.675	605.59	1787.19
	Total Installed Capacity	MW		5088.71	5634.71	6119.64	6163.31	6768.90	
	Peak Demand	MW		3916	4170	4434	4576	5022	

(Contd.,)

4.5 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN - PHYSICAL

S.No.	Name of the Project (District)	Unit	Proposed Target for 8th plan	1992-93	1993-94	1994-95	1995-96	1996-97	Total						
II	Units Generated														
i)	Units Generated	MU	104600	17872	19272	20529	21765	24690	104128						
ii)	Units Purchased	MU	33189	7197	8593	9456	8732	8993	42971						
iii)	Gross Energy	MU		25069	27865	29985	30497	33683	147099						
iv)	Units sold with in the State	MU	108006	19227	21250	23029	23443	20923	107872						
v)	Units Exported	MU		195	140	15	23	63	436						
III	Transmission & Distribution														
a)	400 KV SS	Nos.	1	-	-	-	-	-	-						
b)	220 KV SS	Nos.	17	4	4	3	3	3	17						
c)	132 KV SS 	Nos.	47	12	22	(-2)	6	(-2)	1	(-2)	5	(-1)	46	(-7)	
d)	66 KV SS	Nos.	-	-	(-2)	-	(-2)	-	(-1)	-	(-1)	-	(-6)		
e)	33 KV SS	Nos.	300	67	130	75	82	(-2)	49	(+1)	403	(-1)			
	Sub-total (a to e)	Nos.		83	(-2)	156	(-4)	84	(-3)	86	(-4)	57	(-1)	466	(-14)
f)	400 KV Lines	Ckm.	380	-	-	-	-	-	-	-	-	-	-		
g)	220 KV lines	Ckm.	2765	266	778	478	289	189	2000						
h)	132 KV lines	Ckm.	2274	550	675	261	44	188	1718						
i)	66 KV lines	Km	-	-	(-485)	-	(-14)	-	-	-	(-68)	0	(-567)		
j)	33 KV lines	Km	-	1135	1097	1232	735	409	4608						
	33 KV UG Cable	Km					-	35	35						
k)	11 KV lines	Km	-	6115	5675	5200	2439	2624	22053						
	11 KV UG Cable	Km					-	244	244						
l)	LT lines	Km	-	24807	25490	20796	10519	4840	86452						
	Sub-total (f to l)	Km		32873	(-485)	33715	(-14)	27967	14026	8529	(-68)	117110	(-567)		
	Distribution Transformers	Nos.		10715	7600	12001	10147	6185	46648						
	Services Released (Excl.Agl.)	Nos.	2676550	550318	369370	339654	508690	437855	2205887						
IV	Rural Electrification														
a)	Villages electrified	Nos.		-	-	-	-	-	0						
b)	Hamlets electrified	Nos.		835	792	1200	54	80	2961						
c)	Dalitwadass electrified	Nos.		1357	1395	1750	765	302	5569						
d)	Weaker Section Colonies Electrified	Nos.		1164	1216	1500	784	322	4986						
e)	Pumpsets energised	Nos.	250000	124077	102177	96160	37186	148210	507810						

 Yerraguntla & Kalwakurthy(93-94), Nandyal & Anathapur(94-95),Renigunta & Moulali(95-96) and Chillakallu (96-97) 132kV SSs are upgraded to 220kV.

**5. NINTH FIVE YEAR PLAN (1997-2002),
TENTH FIVE-YEAR PLAN (2002-2007),
ELEVENTH PLAN (2007-12)
AND
CAPACITY ADDITION PROGRAMME FOR
TWELFTH PLAN (2012-17)**

5.1 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN -FINANCIAL(1997-98 TO 2001-02)

Rs. In.Crores									
Sl.No	Name of the Scheme	Ninth Plan Provision	Actuals 1997-98	Actuals 1998-99	Actuals 1999-00	actuals 2000-01	Actuals 2001-02	Total 9th plan	
I	A.P.GENCO PLAN								
	Srisaileam Left Bank H.E.S	1102.12	424.49	429.07	271.26	251.33	126.48	1502.63	
	Rayalaseema TPS Stage-I	20.00	8.87	12.25	1.57	1.11	3.34	27.14	
	Direct payments by ADB		33.06					33.06	
	Vijayawada TPS Stage-III	53.22	6.71	4.49	2.26	2.93	5.90	22.29	
	KTPS Stage-V	130.00	20.00	50.19	6.04	6.98	7.16	90.37	
	Vijayawada TPS Stage-II	2.00	0.16	0.00	0.03			0.19	
	N.S.Pumped Storage scheme stage-II			0.08	0.16	0.42	0.10	0.76	
	N.S.Right Canal H.E.S. IIIrd Unit			0.03	0.02			0.05	
	N.S.Left Canal HES Scheme			0.06	0.02			0.08	
	Penna Ahobilam H.E.Scheme	0.50	0.30	0.34	0.05			0.69	
	Upper Sileru H.E.S. Scheme-II	1.00	0.84	0.54	0.01			1.39	
	Mini Hydel Schemes	16.50	0.46	0.31		0.08	5.13	5.98	
	R&M Works of KTPS	22.71	92.59	10.33	8.37			111.29	
	Singur H.E.S	16.00	0.48	5.36	1.14	2.21	0.96	10.15	
	Rayalaseema TPS Stage-II(2x210 MW)	244.64					5.76	5.76	
	HPCL-APSEB(500 MW) Joint Venture					0.70	5.00	5.70	
	Jurala HES						1.00	1.00	
	SURVEY & INVESTIGATION	7.50	0.60	0.68	0.18	4.87	9.11	15.44	
	Plan Total	1616.19	588.56	513.73	291.11	270.63	169.94	1833.97	
II	ADDITIONALITY								
	SLBPH & RTPP Stg I	} 448.00			0.50	104.21	7.04	111.75	
	VTPS Stg III		114.31	16.61	14.38			145.30	
	KTPS'A'					13.78	39.75	53.53	
	Srisaileam HEScheme Stage-II(3X110 MW)			1.60		1.69	0.29	3.58	
	R&M Works of KTPS					185.57	140.49	326.06	
	R&M Works of NTS 30 MW Station	2.23		1.25			4.30	5.55	
	R&M Works of RTS	0.63	0.02		0.01			0.03	
	R&M Srisaileam	2.47	0.91	14.14				15.05	
	R&M Works of Lower Sileru	1.83		10.13		1.48	2.17	13.78	
	VTPS R&M works	87.54	3.54	0.69	50.45	17.75	39.77	112.20	
	Additionality for RTPP					0.64		0.64	
	Singur HES			0.69	1.71	0.38	0.68	3.46	
	Y2K (All Stations)					0.37	1.30	1.67	
	NSHES flood protection wall					0.32	0.98	1.30	
	Vizag TPS-Stage-I (2x500 MW)		0.32	0.21				0.53	
	Krishnapatnam TPS Stage-I		0.62	0.03				0.65	
	Simhadri TPS (2x500 MW)			0.82				0.82	
	Jegurupadu Gas Based Stage-II (200 MW)	1.60	0.31	0.69				1.00	
	Initial enabling works for other IPPS	100.00		0.82				0.82	
	VTPS Stage IV						1.15	1.15	
		Total Additionality	644.30	120.03	47.68	67.05	326.19	237.92	798.87
		TOTAL APGENCO (Plan+Additionality)	2260.49	708.59	561.41	358.16	596.82	407.86	2632.84

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5.1 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN -FINANCIAL(1997-98 TO 2001-02)								Rs. In.Crs
Sl.No	Name of the Scheme	Ninth Plan	Actuals	Actuals	Actuals	Actuals	Actuals	Total
		Provision	1997-98	1998-99	1999-2000	2000-01	2001-02	9th plan
	APTRANSCO							
	PLAN							
I	TRANSMISSION (Normal)	321.58	69.29	59.28	86.66			215.23
	a)Srisailem Transmission	478.79	21.43	95.80	233.81	51.34	37.40	439.78
	b)Vizag & Simhadri Tr.Scheme	796.40			0.09	142.47	260.48	403.04
	c)(BPL) Ramagundam	50.00						
	d)APL-I scheme					99.87	35.60	135.47
	e)A.P.Hazard Mitigation Project					11.60	0.23	11.83
	f) Krishnapatnam				5.20			5.20
	Total plan(I)	1646.77	90.72	155.08	325.76	305.28	333.71	1210.55
	Additionality (PFC + OECF)(I)	1655.00	24.57	49.92	98.43	114.86	125.40	413.18
	Sub Total (I)	3301.77	115.29	205.00	424.19	420.14	459.11	1623.73
II	DISCOMS							
	1) DISTRIBUTION + S.I.WORKS	1850.00	104.76	103.20	233.56	276.46	240.59	958.57
	2)RURAL ELECTRIFICATION	230.00	22.02	17.44	29.98	23.96	15.17	108.57
	3)A.P.Energy efficiency Project			17.94	8.69	0.28	0.00	26.91
	4)A.P.Hazard Mitigation Project		17.57	52.96	35.17	8.72	1.46	115.88
	5) A.P.P.S.Restructuring Project (APL-I)					120.91	49.36	170.27
	Total Plan Schemes (II)	2080.00	144.35	191.54	307.40	430.33	306.58	1380.20
	Additionality (II)	1451.30	22.23	149.00	79.27	37.28	44.92	1801.83
	Sub Total (II)	3531.30	166.58	340.54	386.67	467.61	351.50	3182.03
	OUTSIDE PLAN (Transmission & Distribution)							
	1) RE-SPA Schemes	750.00	13.90	51.75	99.81	13.76	10.06	189.28
	2) Distn.S.I.Schemes	175.00	13.43	10.58	4.54	23.80	13.38	65.73
	3) Transmission (HVDC)		0.18	0.10	0.00			0.28
	4) A.P.P.S.Restructuring Project (Reforms)			1.60				1.60
	5)Cyclone works					0.32		0.32
	Total Outside Plan	925.00	27.51	64.03	104.35	37.88	23.44	257.21
	NON PLAN							
	i) Loans & Advances to employees				3.01	1.48	0.48	4.97
				0.13		1.59	2.57	4.29
	iii)Vehicles					0.13	0.06	
	vi)Furniture & Fixtures		0.01		0.03	0.58	0.18	0.80
	v) Office Equipment including computers					0.59	1.40	1.99
	VI) A.P.P.S.Restructuring Project (Reforms)					0.01	0.01	0.02
	vii) Spare/ Service Unit					11.92	10.40	22.32
	viii) Cyclone Works					0.19	1.69	1.88
	ix) Road Widening Works					0.03	0.00	0.03
	Total : Non-Plan		0.01	0.13	3.04	16.52	16.79	36.49
	Total APTRANSCO&DISCOMS (Plan +Additionality+Out-Side Plan + Non Plan)	7758.07	309.39	609.70	918.25	942.15	850.84	5099.46
	Grand Total for APGENCO+APTRANSCO +DISCOMS (Plan+Additionality	10018.56	1017.98	1171.11	1276.41	1571.98	1318.49	6355.97
	Grand Total for APGENCO+APTRANSCO+DISCOMS (Plan+Additionality+Out-Side Plan + Non Plan)	10018.56	1017.98	1171.11	1276.41	1538.97	1258.70	7732.30

5.2 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN - PHYSICAL									
S.No.	Name of the Project (District)	Unit	Proposed target for 9th Plan	1997-98	1998-99	1999-00	2000-01	2001-02	Total
I	Generation								
1	APGenco								
1.a	Thermal:								
	Kothagudem TPS Stage V	MW	250	250	-	-	-		250
Total Thermal		MW	250	250				0	250
1.b	Hydel:								
	Srisaillam Left Bank	MW	900					300	300
	Singur Hydro project	MW	15			15			15
1.c	Mini hydel	MW					1		1
Total Hydel		MW	915	0	0	15	1	300	316
Total APGenco		MW	1165	250	0	15	1	300	566
2	Joint Sector								
	APGPCL-Vijjeswaram (W.Godavari)	MW		60	-	-	-		60
3	Private Sector								
3. a	Fast Track Projects								
i	GVK - Jegurupadu	MW	75.5	75.5	-	-	-		75.5
ii	Spectrum - Kakinada	MW	115.7	115.7	-	-	-		115.7
iii	Lanco(Kondapally)	MW	355				355		355
iv	BSES(Peddapuram)	MW	220					140	140
v	Gowatami(Peddapuram)	MW	464						
vi	Vemagiri	MW	370						
vii	Isolated Gas wells	MW				2.7		18.4	21.1
3. b	Non-Conventional Energy Projects								
i	Mini Hydel	MW		12	11.5	16.2	18.9	14.6	73.2
ii	Wind	MW		1.5	6	26.25	3.75	1.69	39.19
iii	Bagasse based co-generation	MW		-	9	5	-	22	36
iv	Bio-Mass based co-generation	MW					6.7	3	9.7
v	Bio-Mass based project	MW			1		28	44.5	73.5
vi	Mini-Power plants	MW				40.31		37.8	78.11
vii	Others	MW			41				41
Total Private Sector		MW	1600.2	204.7	68.5	90.46	412.35	281.99	1058
4	Central Sector Projects								
4. a	Kaiga Nuclear plant	MW				57.5	57.5		115
4. b	Simhadri(NTPC) Vizag	MW						500	500
Total Central Sector		MW		-12 (**)		57.5	57.5	500	615
Total Capacity Addition		MW	2765.2	514.7	68.5	162.96	470.85	1081.99	2299
5	Total Installed Capacity	MW		7283.60	7352.10	7515.06	7985.91	9067.90	
6	Peak Demand	MW		5742	6480	6684	7143	7029	

(* *) Central Sector Share reduced by 12 MW due to derating of MAPP

(Contd.,)

5.2 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN - PHYSICAL

S.No.	Name of the Project (District)	Unit	Proposed target for 9th Plan	1997-98	1998-99	1999-2000	2000-01	2001-02	Total
7	Units Generated								
i)	Units Generated	MU	--	26265	27023	29632	26797	25553	135270
ii)	Units Purchased	MU	--	11881	13551	16137	15392	16319	73280
iii)	Gross Energy	MU	--	38146	40574	45769	42189	41872	208550
iv)	Units sold with in the State	MU	--	23943	24831	25803	26976	31443	132996
v)	Units Exported	MU	--	28	24	24	29	-	105
	* 6 MW already commissioned in the name of (M/s Varalaxmi) sugar ltd., on 10-01-2001.								
	** Excluding Aux. Consumption								
II	Transmission & Distribution								
a)	400 KV SS	Nos.	8	--	--	--	2	1	3
b)	220 KV SS *	Nos.	35	3	3	3	4	6	19
c)	132 KV SS \$	Nos.	90	6 (-3)	5 (-2)	7 (-1)	14 (-4)	6	38 (-10)
d)	66 KV SS	Nos.	--	-- (-1)	--	--	-- (-3)	--	-- (-4)
e)	33 KV SS	Nos.	701	51	73	170	98	79	471
	Sub-total (a to e)	Nos.		60 (-4)	81 (-2)	180 (-1)	118 (-7)	92	531 (-14)
f)	400 KV Lines	Ckm.	4444			46	847	408	1301
g)	220 KV lines	Ckm.	5504	447	377	754	650	734	2962
h)	132 KV lines	Ckm.	3705	215	275	298	867	614	2269
i)	66 KV lines	Km	--	-- (-80)	--	--	-- (-186)	--	-- (-266)
j)	33 KV lines	Km	--	1192	1343	1871	2088	--	6494
	33 KV UG Cable	Km	--						
k)	11 KV lines	Km	--	3467	5211	4400	3404	2989	19471
	11 KV UG Cable	Km	--						
l)	LT lines	Km	--	6995.2	9919	9735	7435	6450	40534
	Sub-total (f to l)	Km		12316 (-80)	17125	17104	15291 (-186)	11195	73031 (-266)
	Distribution Transformers	Nos.	--	11979	11147	15087	15564	12027	65804
	Services Released (Excl.Agl.)	Nos.		557773	452491	472371	2190118	511846	4184599
III	Rural Electrification								
a)	Villages electrified	Nos.	--	-	-	-	-	-	-
b)	Hamlets electrified	Nos.	5000	157	262	182	371	87	1059
c)	Dalitwadass electrified	Nos.	5000	263	537	516	260	669	2245
d)	Weaker Section Colonies Electrified	Nos.	5000	276	512	933	127	816	2664
e)	Pumpsets energised (Including RESCOs)	Nos.	250000	33486	59997	48227	6660	267479 **	415849

* 220 KV Chinakampally Sw.stn(2000-01) converted to Conventional SS.

\$ Kakinada,Siddipet,Kareemnagar (97-98), Waddekothapally &Nidadavolu (98-99),Nirmal,Parchur Sw.Stn converted to conventional 132KV SS (99-2000),Bheemgal,Medchal,Tandur,Minpur(2k-01) are upgraded to 220 kV SS's.

** Including 69199 Regularisation of Un-Authorised Agricultural services.

5.3 ACHIEVEMENTS IN TENTH FIVE YEAR PLAN -FINANCIAL (2002-03 TO 2006-07) - APTRANSCO							
							(Rs in Crs)
S No	Details	Tenth Plan Provision	2002-03	2003-04	2004-05	2005-06	2006-07
I	Transmission Plan	2904.47					
1	Simhadri Tr. Scheme		150.29	101.48	29.75	6.64	1.29
2	Ramagundam Tr. Scheme		0.49	0.09	0.09	12.26	
3	Krishnapatnam Tr. Scheme		0.66				
4	Mahaboobnagar 400 kV Substation		0.01	2.21	24.71	9.67	2.35
5	400 kV Substations at Nellore & Chittoor			4.19	57.43	24.14	4.34
6	Short Gestation Tr.Scheme -I				48.33	13.57	0.53
7	Short Gestation Tr.Scheme - II					1.00	0.10
8	Srisailem Tr. Scheme (OECF)		2.07	1.69			1.38
9	APL1		24.12	17.64			
10	APL1 (Supplemental)		0.44		5.02	18.86	2.76
11	APL2		1.120		15.12	25.81	
12	REC Scheme		0.08	58.21	121.21	88.58	74.40
13	DFID			1.89	5.23	5.60	0.09
14	APHM & ECRP					0.29	0.15
15	PFC		183.34	14.32		74.29	141.20
16	NORMAL PLAN			46.29	45.6	29.54	42.28
17	Boundary Metering scheme/Twin cities Transmission project(*)					0.00	
18	Others			62.89	47.93	228.59	
	Sub Total I	2904.47	362.62	248.01	415.38	358.18	499.46
II.	Distribution Plan						
(I)	Distribution & System Improvements	2295.23	983.54	1247.62	1301.79	1263.50	1515.18
(ii)	Rural Electrification						
(iii)	T&D Improvements						
(iv)	AP Energy efficiency project						
(v)	AP Power Sector Restructuring project-APL1						
(vi)	AP Hazard Mitigation Project						
(vii)	APDRP						
(viii)	HVDS						
(ix)	OECF						
	Sub Total II	2295.23					
III	Additionality (Transmission & Distribution)						
(I)	OECF/REC	2094.24					
(ii)	DFID/APL						
(iii)	APL-1						
	Sub Total III	2094.24					
IV.	Outside Plan						
(I)	Rural Electrification	690.69					
(ii)	Distn. & Sys.Improvements						
(iii)	Cyclone Works						
(iv)	Release of Agl services & LI schemes						
	Sub Total IV	690.69					
	Grand Total	7984.63	1346.16	1495.63	1717.17	1621.68	2014.64

5.4 ACHIEVEMENTS IN TENTH FIVE YEAR PLAN - PHYSICAL									
S No	ITEM	Unit	Tenth Plan (2002-07) Target	2002-03	2003-04	2004-05	Provisional		Total X plan
				Achievement	Achievement	Achievement	2005-06	2006-07	
							Achievement	Achievement	
1	Electricity Sales	MU	179638	31632	34084	37618	39652	44850	187836
2(I)	Transmission Lines								
a)	400 kV	CKM	2814	732	---	---	653	130	1515
b)	220 kV	CKM	5104	599	187.18	334.80	107.87	214.31	1443.16
c)	132 kV	CKM	2245	379	237.76	320.42	543.84	418.744	1899.764
2(II)	Sub-Stations								
a)	400 kV	Nos	11	---	---	---	4	---	4
b)	220 kV	Nos	31	4	3	2	1	3	13
c)	132 kV	Nos	73	5	19	19	15	13	71
d)	33 kV shunt capacitor banks	MVAR	---	55	10	35	10	160	270
e)	132 kV shunt capacitor banks	MVAR	---	150	60	----	--		210
3	Distribution & SI								
a)	33 KV Sub-stations	Nos	600	182	206	145	168	179	880
b)	Release of LT services other than agriculture	Nos	3000000	566141	916179	705295	706895	968299	3862809
c)	Release of HT Services	Nos	2070	411	376	495	550	828	2660
4	Rural Electrification								
a)	Laying of conventional lines in villages already electrified with SPV Panels	Nos	1689	78	173	335	-	-	586
b)	General Hamlets	Nos	4636	285	258	696	255	24	1518
c)	Electrification of Dalitwadas	Nos	5464	1586	3877	2983	1886	2602	12934
d)	Electrification of Weaker section colonies	Nos	5503	1757	1804	1239	1295	1683	7778
e)	Tribal Hamlets	Nos		581	2531	1526	927	1174	6739
f)	Energisation of Agricultural pumpsets	Nos	250000	50917	51636	64760	66458	86977	320748

5.5 CAPACITY ADDITIONS / ACHIEVEMENTS FOR 10th PLAN (2002-2007)
(Gross capacities in MW)

S.No.	Name of the Project	2002-03	2003-04	2004-05	2005-06	2006-07	Total X plan
I.	State Sector						
1	Rayalaseema Stage-II					210.00	210.00
2	Srisailem Left Bank	450.00	150.00				600.00
3	KTPS	10.00	10.00	20.00			40.00
4	Jurala						0.00
5	NTS				-30.00		-30.00
6	Mini Hydel(Kakatiya Canal)		4.15				4.15
	Sub-Total State Sector	460.00	164.15	20.00	-30.00	210.00	824.15
II.	Central Sector						
1	NTPC Simhadri	500.00					500.00
2	Kaiga				-115.00	139.70	24.70
3	%of Central Share increased				160.94	98.05	258.99
4	Share from Ramagundam Extn.			146.00			146.00
5	Share from Talcher TPS	106.25	106.25	212.50			425.00
	Sub-Total central Sector	606.25	106.25	358.50	45.94	237.75	1354.69
III.	Private Sector						
1	GVK Extn.-I						0.00
2	Vemagiri					370.00	370.00
3	Gautami Stage-I						0.00
4	BSES, Andhra	80.00					80.00
5	Konaseema						0.00
6	OTHERS (Lanco Kondapally)				-2.26		-2.26
7	Nagarjuna Electric Generating Co.				-20.00		-20.00
8	MPPs Reconciled				0.80		0.80
	Sub-total Private sector	80.00	0.00	0.00	-21.46	370.00	428.54
IV.	Other Projects						
1	Mini Power Plants	15.40					15.40
2	Non conventional (NEDCAP)	111.30	96.33	31.65	51.00	27.37	317.65
	Sub-total Other projects	126.70	96.33	31.65	51.00	27.37	333.05
	Total	1272.95	366.73	410.15	45.48	845.12	2940.43
	Grand Total	2940.43					

Note:Srisailem LBPH 600 MW was added during 2002-04 of 10 th Plan by APGENCO.

111 MW of Non conventional (NEDCAP) power was commissioned during 2002-03

The 1st and 2nd units at NTPC/Talcher-II were commissioned on 4-01-2003 and 25-10-2003 respectively and AP has got a share of 106.25 MW each from these units.

5.6 Proposed Capacity Additions During 11th plan period (2007-08 to 2011-12)								
Sl. No.	Name of the Project	Capacity Envisaged (MW)	2007-08	2008-09	2009-10	2010-11	2011-12	Total 11th Plan
I	State Sector (APGENCO)							
	Rayalaseema TPP Stg-II (2X210) Unit -II	210	210					210
	Rayalaseema TPP Stg-III (1X210)	210				210		210
	Vijayawada TPS Stage-4	500			500			500
	Kakateeya TPS (Bhupalapalli) Stg-I (1X500)	500			500			500
	Kothagudem Stg-6 (1X500)	500					500	500
	Jurala Hydro Plant (6X39)	234	39	39	39	78	39	234
	Pochampad HES Unit – 4 (1X9)	9				9		9
	Other State Sectors						2.2	2.2
	Total State Sector	2163	249	39	1039	297	541.2	2165.2
II	Private Sector (Gas Based)							0
	GVK Extn-I	220			220			220
	Gautami Stage-I	464			464			464
	Konaseema	444.08			280	164.08		444.08
	Total Private Sector	1128.08	0	0	964	164.08	0	1128.08
III	Central Generating Stations							0
	Simhadri Expansion	384					226.1	226.1
	CGS share increased / decreased		108.53		85.32	-237.03		-43.18
	Kaiga Stage-IV	71.17				71.17		71.17
	Solar Power Under JLNNSM (Phase-I)						7.76	7.76
	Total CGS	455.17	108.53	0	85.32	-165.86	233.86	261.85
IV	Non-Conventional Projects (NEDCAP)	480.31	27.75	6.66	109.95	82.3	98.39	325.05
	Total Capacity Programmed in 11th plan	4226.56	385.28	45.66	2198.27	377.52	873.45	3880.18

5.7 ACHIEVEMENTS IN 11th FIVE YEAR PLAN - PHYSICAL								
S No	ITEM	Unit	2007-08 Achievement	2008-09 Achievement	2009-10 Achievement	2010-11 Achievement	2011-12 Achievement	Total 11th Plan
1	Electricity Sales	MU	48390.42	53215	59118	62619	69955.05	293297.86
2(I)	Transmission Lines							
a)	400 kV	CKM	171.56	21.14	163.67	135.51	0	491.88
b)	220 kV	CKM	452.4	265.88	190.60	184.55	744.84	1838.27
c)	132 kV	CKM	392.2	233.05	164.88	483.48	328.23	1601.84
2(II)	Sub-Stations							
a)	400 kV	Nos	1	1		1	0	3
b)	220 kV	Nos	8	3	3	4	10	28
c)	132 kV	Nos	8	5	8	19	14	54
d)	33 kV shunt capacitor banks	MVAR	15					15
e)	132 kV shunt capacitor banks	MVAR	---					0
3	Distribution & SI							
a)	33 KV Sub-stations	Nos	202	301	359	173	169	1204
b)	Release of LT services other than agriculture	Nos	1022287	1125361	1057756	986043	973718	5165165
c)	Release of HT Services	Nos	1156	1335	1155	1162	1337	6145
4	Rural Electrification							
a)	Laying of conventional lines in villages already electrified with SPV Panels	Nos						
b)	General Hamlets	Nos	119	58	39	102	331	649
c)	Electrification of Dalitwadas	Nos	1530	584	83	101	68	2366
d)	Electrification of Weaker section colonies	Nos	1783	1996	196	99	179	4253
e)	Tribal Hamlets	Nos	1319	1016	1186	165	302	3988
f)	Energisation of Agricultural pumpsets	Nos	71835	81036	88604	139731	152908	534114

220kv Malkaram,Peddapuram Switching stations converted to Conventional SS(2007-08)

5.8 ACHIEVEMENTS IN 11th FIVE YEAR PLAN -FINANCIAL APTRANSCO

(Rs in Crs)

S No	Details	2007-08	2008-09	2009-10	2010-11	2011-12	Total 11th Plan
I) 400 KV Schemes							
1	400kV ring main around twin cities of Hyd and RR District	1.45	13.80	48.21	20.09	147.39	230.94
2	Simhadri & Vizag Transmission scheme	0.04	-0.24	-15.83			-16.03
3	System improvement (Erection of 400kv SS at Nellore and Chittoor)	-0.99	-0.13				-1.12
4	Erection of 400kv Dichpally Gajwel SS and associated Transmission lines	87.09	48.48	10.41	10.10	0.28	156.36
5	400kv Bhoopalapally Transmission scheme	0.07	1.67	57.97	26.77	55.67	142.15
6	System improvement (Erection of 400kv SS at Mahaboobnagar)	0.22	-0.07				0.15
7	400kv Augmentation scheme	13.06	14.83	34.86	2.81	1.69	67.25
8	Short Genstation Transmission Project-I	0.70	0.00				0.70
9	Short Genstation Transmission Project-II	6.18	0.76	14.20	7.39	83.90	112.43
10	Vijayawada power transmission scheme		14.70	18.23	78.41	80.09	191.43
11	400kV Kothagudem Power Transmission Scheme		0.01	38.72	44.20	3.25	86.18
12	JBIC		0.04				0.04
13	400kv Krishnapatnam Transmission scheme			0.04	0.33	56.03	56.40
14	Renovation & Modernisation scheme				13.67	9.28	22.95
15	400kV Reactor scheme				0.07	9.10	9.17
Sub-Total-I		107.82	93.85	206.81	203.84	446.68	1059.00
II) Construction Schemes							
1	Normal plan	16.97	16.98	45.19	31.35	20.27	130.76
2	Scheme under PFC /Bank funding	191.63	267.48	286.31	256.59	317.39	1319.40
3	Scheme under REC funding	67.53	37.27	25.20	11.24	17.06	158.30
4	DC/Bulk load works	67.01	110.12	148.13	187.29	56.86	569.41
5	GIS &UG Cable Project in HMDA Area			156.72	342.54	270.49	769.75
Sub-Total-(II)		343.14	431.85	661.55	829.01	682.07	2947.62
III) Others							
1	Office Equipment	3.20	2.94	3.41	5.82	5.50	20.87
2	Furniture & Fixtures	0.11	0.16	0.24	0.58	1.85	2.94
3	Buildings	2.40	0.14	0.73	0.14	2.07	5.48
4	Communication,Meter Testing,Misc equipment			0.72			0.72
5	Vehicles			0.88	0.93		1.81
Sub-Total-(III)		5.71	3.24	5.98	7.47	9.42	31.82
IV) Interest During Construction (IDC) Capitalised		25.39	26.97	32.57	52.03	82.92	219.88
Total Transmission		482.06	555.91	906.91	1092.35	1221.09	4258.32
1	Distribution	1754.42	1872.75	1942.43	1577.26	2147.81	9294.67
Total		2236.48	2428.66	2849.34	2669.61	3240.16	13424.25

**5.9 Capacity Additions During 12th plan period
(2012-13 to 2017-18)**

Sl. No.	Name of the Project	2012-13	2013-14	2014-15	2015-16	2016-17	Total 12th Plan
I	State Sector (APGENCO)						
1	Nagarjuna Sagar Tail Pond (2x25MW)					50	50
	Lower Jurala (6x40MW)						0
	Pulichintala (4x30MW)						0
	Polavaram (12x80MW)						0
	Vijayawada TPS Stage V (1x800 MW)						
	Rayalaseema TPP Stage IV Unit 6 (1x600 MW)						
	Kakatiya TPP Stage II (1x600 MW) Unit-2						
	Kakatiya TPP Stage III (1x800 MW) Unit-1						
	Kothagudem TPS Stage VII (1x800 MW)						
	Krishnapatnam TPP (JVP) Stage I (2x800 MW)			800			800
	Krishnapatnam TPP (JVP) Stage II (1x800 MW)				800		800
	Karimnagar Gas PP Stage I (1X700MW)						0
	Karimnagar Gas PP Stage II (2X700MW)						0
	Vodarevu Ultra mega power Project (5x800MW)						0
	Ramagundam TPS (2x660)						
	Srikakulam Thermal power plants(4x600)						0
	Solar					5.426	5.426
	Sub-Total State Sector	0	0	800	800	55.426	1650
II	Medium / Case-1 Bid						
	Corporate Power (MT)						
	KSK Mahanadi (MT)						
	East Coast Energy Pvt Ltd (Srikakulam)						0
	Thermal Power Tech Ltd.(Nellore)				230.55		230.55
	Krishnapatnam Power Corp.Ltd.(Nellore)						0
	Sub-Total	0	0	0	230.55	0	230.55
III	Private Projects						
	Hinduja Power Plant				520	520	1040
	Krishnapatnam Ultra Mega Power Project (2x800MW)						0
	Singareni						0
	UMPP Cheyyur						0
	Sub-Total	0	0	0	520	520	1040
IV	Non-conventional Projects						
	Wind	193.90	232.60	285.2	400.1	2187.45	3299.25
	Solar	2.00	23.00	72.7	435.49	1295.76	1828.95
	Mini Hydel						0
	Bio-Mass,Bagasse Co-generation,Industrial Waste,Municipa	4.48			7.5	4.77	16.75
	Sub-Total	200.38	255.60	357.90	843.09	3487.98	5144.95
V	Central Generating Stations						
	Kudigi (5x800)						0
	Vallur U-I, 500MW(JV of NTPC & Tamilnadu Energy co Lt	64.45	72.43				
	Tuticorin joint venture Plant						0
	Neyveli						0
	Kalpakam						0
	Pudimadaka						0
	Sirkali						0
	Bhutan Hydro						0
	Change in Central Share increased/Decreased			64.13		-45.105	
	Sub-Total	64.45	72.43	64.13	83.22	-45.105	0
	Total Capacity Addition in 12th plan	264.83	328.03	1222.03	2476.86	4018.30	8065.50

5.10 ACHIEVEMENTS IN 12th FIVE YEAR PLAN - PHYSICAL								
S No	ITEM	Unit	2012-13 Achievement	2013-14 Achievement	2014-15 Achievement	2015-16 Achievement	2016-17 Achievement	Total 12th Plan
1	Electricity Sales	MU	67604.18	73126.20	40429	44439	47177.06	272775.086
2(I)	Transmission Lines							
a)	400 kV	CKM	803.83	145	301.65	234.82	714.95	2200.245
b)	220 kV	CKM	295.5	470.75	242.74	456.24	594.42	2059.65
c)	132 kV	CKM	344.85	382.07	156.62	327.59	306.96	1518.09
2(II)	Sub-Stations							
a)	400 kV	Nos	1	1	0	0	4	6
b)	220 kV	Nos	8	3	0	4	9	24
c)	132 kV	Nos	5	17	3	12	11	48
d)	33 kV shunt capacitor banks	MVAR	5		0	21.6	144	170.6
e)	132 kV shunt capacitor banks	MVAR						0
3	Distribution & SI							
a)	33 KV Sub-stations	Nos	313	298	109	95	38	853
b)	Release of LT services other than agriculture	Nos	933550	845372	433342	608035	806690	3626989
c)	Release of HT Services	Nos	1570	1295	502	513	610	4490
4	Rural Electrification							
a)	Laying of conventional lines in villages already electrified with SPV Panels	Nos	0	0	0	0	0	0
b)	General Hamlets	Nos	75	0	0	0	0	75
c)	Electrification of Dalitwadas	Nos	0	7	87	3	0	97
d)	Electrification of Weaker section colonies	Nos	0	0	0	0	0	0
e)	Tribal Hamlets	Nos	0	10	47	128	543	728
f)	Energisation of Agricultural pumpsets	Nos	0	0	60828	72360	75403	208591

5.11 ACHIEVEMENTS IN 12th FIVE YEAR PLAN -FINANCIAL APTRANSCO

(Rs in Crs)

S No	Details	2012-13	2013-14	2014-15	2015-16	2016-17	Total 12th Plan
I) 400 KV Schemes							
1	400 kV Ring main around twin cities of Hyd and RR District	90.55	9.54				100.09
2	400kV Bhoopalapally Transmission scheme	16.58	4.46				21.04
3	400 kV Jaipur Transmission scheme		106.77				106.77
4	400kv Augmentation scheme	3.09	24.78				27.87
5	Suryapeta SS & System Improvement Scheme		17.16	147.16	48.49	10.83	223.64
6	Short Genstation Transmission Project-II	63.89	145.58	34.22	2.30	1.30	247.29
7	Vijayawada Power Transmission scheme	40.38	7.61		2.61		50.60
8	400 kV Kothagudem Power Transmission Scheme	0.17					0.17
9	400 kV Augmentation scheme III		14.27	4.23		13.01	31.51
10	400 kV Krishnapatnam Transmission scheme	206.99	223.76	41.68	30.32	2.93	505.68
11	Rennovation & Modernisation scheme	35.86	33.41	13.13	24.36	9.22	115.98
12	400kV Reactor scheme I & II	6.57	1.26	5.77			13.60
13	Transmission Evacuation Scheme of M/s HNPCL		10.50	6.63	158.11	138.07	313.31
14	Other Assets & Schemes		74.01	33.93	12.12	86.80	206.86
15	Wind Power Transmission Scheme			146.25	977.47	251.36	1375.08
16	Rayalaseema Thermal Plant Power Transmission scheme			7.10	94.91		102.01
17	Garividi & Pydibhimavaram Transmission system improvement			10.20	35.68		45.88
18	Chittoor Nellore Power Transmission Scheme				36.88		36.88
19	Erection of 400/220KV SS at Podili,Prakasam Dt				4.67	112.95	117.62
Sub-Total-I		464.08	673.11	450.30	1427.92	626.47	3641.88
II) Construction Schemes							
1	Normal plan (AP Transco Funds)	4.36	38.80	6.84	151.20	263.78	464.98
2	Schemes under Bank funding	216.85	130.66	241.14	90.38	187.12	866.15
3	Schemes under PFC funding	35.83	41.92	56.56	99.79	259.54	493.64
4	Schemes under REC funding	54.39	60.02	57.77	92.69	447.52	712.39
5	DC/Bulk load works	46.05	62.21	5.81	41.73	133.86	289.66
6	GIS &UG Cable Project in HMDA Area	207.07	242.93				450.00
7	HNSS (BL&DC)			19.80	55.66	1.35	76.81
8	GKLI (BL&DC)			39.95	48.80	22.73	111.48
Sub-Total-(II)		564.55	576.54	427.87	580.25	1315.90	3465.11
III) Others							
1	Office Equipment	2.74	5.26	3.77	5.81	15.42	33.00
2	Furniture & Fixtures	0.17	0.45	0.41	0.22	0.18	1.43
3	Buildings	-0.40	2.08	0.28	0.06	9.87	11.89
4	Communication,Meter Testing,Misc equipment	2.26					2.26
5	Vehicles	3.56					3.56
6	Plant and Machinery			6.94	4.08	80.57	91.59
7	Advance to Suppliers			1.14	5.02	17.77	23.93
8	NABARD					19.45	19.45
9	CWIP					28.6	28.60
Sub-Total-(III)		8.33	7.79	12.54	15.19	171.86	215.71
IV) Interest During Construction (IDC) Capitalised		98.6	115.53	78.00	125.09	186.21	603.43
Total Transmission		1135.56	1372.97	968.71	2148.45	2300.44	7926.13

6.A.P.GENCO GENERATION

6.1 PATTERN OF INSTALLED CAPACITY IN ANDHRA PRADESH (1960-61 TO 2014-15)										
Year	Unit	Installed Capacity : APGENCO				Installed Capacity : Private			Central	Total
		Hydel	Thermal	Gas	Wind & Solar	Mini Hydel	Gas & Others (IPPs)	Non-conventional	NTPC, Neyveli, MAPP, Simhadri, Talcher	
1960-61	MW	124.00	89.00							213.00
	%	58.22	41.78							100.00
1973-74	MW	271.60	400.00							671.60
	%	40.44	59.56							100.00
1979-80	MW	841.60	1050.00							1891.60
	%	44.49	55.51							100.00
1984-85	MW	1971.40	1192.50						162.00	3325.90
	%	59.27	35.85						4.87	100.00
1987-88	MW	2431.21	1192.50						299.00	3922.71
	%	61.98	30.40						7.62	100.00
1988-89	MW	2431.21	1192.50						577.00	4200.71
	%	57.88	28.39						13.74	100.00
1989-90	MW	2431.21	1402.50						717.00	4550.71
	%	53.42	30.82						15.76	100.00
1990-91	MW	2461.21	1612.50	66.00					762.00	4901.71
	%	50.21	32.90	1.35					15.55	100.00
1991-92	MW	2462.21	1612.50	100.00					807.00	4981.71
	%	49.42	32.37	2.01					16.20	100.00
1992-93	MW	2524.21	1612.50	100.00					852.00	5088.71
	%	49.60	31.69	1.97					16.74	100.00
1993-94	MW	2605.21	2032.50	100.00					897.00	5634.71
	%	46.24	36.07	1.77					15.92	100.00
1994-95	MW	2665.21	2452.50	100.00	2.00			2.93	897.00	6119.64
	%	43.55	40.08	1.63	0.03			0.05	14.66	100.00
1995-96	MW	2666.21	2452.50	100.00	2.00	3.75		41.85	897.00	6163.31
	%	43.26	39.79	1.62	0.03	0.06		0.68	14.55	100.00
1996-97	MW	2666.21	2702.50	212.00	2.00	3.75	232.70	53.99	897.00	6770.15
	%	39.38	39.92	3.13	0.03	0.06	3.44	0.80	13.25	100.00
1997-98	MW	2666.21	2952.50	272.00	2.00	15.75	423.90	55.49	885.00	7272.85
	%	36.66	40.60	3.74	0.03	0.22	5.83	0.76	12.17	100.00
1998-99	MW	2666.21	2952.50	272.00	2.00	27.25	423.90	112.49	885.00	7341.35
	%	36.32	40.22	3.71	0.03	0.37	5.77	1.53	12.06	100.00
1999-2K	MW	2681.21	2952.50	272.00	2.00	43.45	423.90	186.75	942.50	7504.31
	%	35.73	39.34	3.62	0.03	0.58	5.65	2.49	12.56	100.00
2000-01	MW	2682.21	2952.50	272.00	2.00	62.35	778.90	230.00	1000.00	7979.96
	%	33.61	37.00	3.41	0.03	0.78	9.76	2.88	12.53	100.00
2001-02	MW	2982.21	2952.50	272.00	2.00	76.95	918.90	351.34	1500.00	9055.90
	%	32.93	32.60	3.00	0.02	0.85	10.15	3.88	16.56	100.00
2002-03	MW	3432.21	2962.50	272.00	2.00	80.26	998.90	474.73	2106.25	10328.85
	%	33.23	28.68	2.63	0.02	0.78	9.67	4.60	20.39	100.00
2003-04	MW	3586.36	2972.50	272.00	2	84.25	998.88	567.07	2212.5	10695.56
	%	33.53	27.79	2.54	0.02	0.79	9.34	5.30	20.69	100.00
2004-05	MW	3586.36	2992.50	272.00	2.00	91.40	998.88	591.57	2571.00	11105.71
	%	32.29	26.95	2.45	0.02	0.82	8.99	5.33	23.15	100.00
2005-06	MW	3586.36	2962.50	272.00	2.00	101.40	996.62	613.37	2616.94	11151.19
	%	32.16	26.57	2.44	0.02	0.91	8.94	5.50	23.47	100.00
2006-07	MW	3586.36	3172.50	272.00	2.00	101.40	1366.62	640.74	2854.69	11996.31
	%	29.90	26.45	2.27	0.02	0.85	11.39	5.34	23.80	100.00
2007-08	MW	3625.36	3382.50	272.00	2.00	101.40	1366.62	668.49	2963.22	12381.59
	%	29.28	27.32	2.20	0.02	0.82	11.04	5.40	23.93	100.00
2008-09	MW	3664.36	3382.50	272.00	2.00	104.40	1366.62	672.15	2963.22	12427.25
	%	29.60	27.32	2.20	0.02	0.84	11.04	5.43	23.93	100.00
2009-10	MW	3703.36	4382.50	272.00	2.00	104.40	2330.62	782.10	3048.54	14625.52
	%	25.32	29.96	1.86	0.01	0.71	15.94	5.35	20.84	100.00
2010-11	MW	3790.36	4592.50	272.00	2.00	104.40	2494.70	864.40	2882.68	15003.04
	%	25.26	30.61	1.81	0.01	0.70	16.63	5.76	19.21	100.00
2011-12	MW	3829.36	5092.50	272.00	3.00	105.64	2494.70	962.75	3116.54	15876.49
	%	24.12	32.08	1.71	0.02	0.67	15.71	6.06	19.63	100.00
2012-13	MW	3829.36	5092.50	272.00	3.00	105.64	2494.70	1163.13	3428.97	16389.30
	%	23.37	31.07	1.66	0.02	0.64	15.22	7.10	20.92	100.00
2013-14	MW	3829.36	5092.50	272.00	3.00	105.64	2494.70	1418.73	3501.40	16717.33
	%	40.19	53.44	2.85	0.03	1.11	26.18	14.89	36.74	175.44
2014-15	MW	1671.29	3148.15	34.29	2.00	89.10	1256.14	1615.30	1712.73	9529.00
	%	17.54	33.04	0.36	0.02	0.94	13.18	16.95	17.97	100.00

6.1 PATTERN OF INSTALLED CAPACITY IN ANDHRA PRADESH (1914-15 TO 2017-18)										
Year	Unit	Installed Capacity : APGENCO			APGPCL	Installed Capacity : Private			CGS	Total
		Hydel	Thermal	Wind & Solar	Gas	Mini Hydel	IPPs & Others	Non-conventional		
2014-15	MW	1671.29	3148.15	2.00	34.29	89.10	1256.14	1615.30	1712.73	9529.00
	%	17.54	33.04	0.02	0.36	0.94	13.18	16.95	17.97	100.00
2015-16	MW	1671.29	3948.15	2.00	34.29	89.10	2438.53	2464.24	1795.95	12443.55
	%	13.43	31.73	0.02	0.28	0.72	19.60	19.80	14.43	100.00
2016-17	MW	1721.29	3948.15	5.43	34.29	87.44	2958.53	6146.54	1750.85	16652.52
	%	10.34	23.71	0.03	0.21	0.53	17.77	36.91	10.51	100.00
2017-18	MW	1797.60	5010.00	5.43	34.29	104.44	2122.45	6640.54	2330.55	18045.30
	%	9.96	27.76	0.03	0.19	0.58	11.76	36.80	12.91	100.00

6.1 PATTERN OF POWER GENERATION IN ANDHRA PRADESH (1960-61 TO 2015-16)									
YEAR	UNIT	Energy State Sector		Gas	Wind	Private sector	Central Sector &	Others	TOTAL
		Hydel	Thermal						
1960-61	MU	610.00	174.00						784.00
	%	77.80	22.20						100.00
1973-74	MU	910.00	2196.00						3106.00
	%	29.30	70.70						100.00
1979-80	MU	3225.00	3268.00						6493.00
	%	49.70	50.30						100.00
1984-85	MU	6716.00	5835.00				834.00		13385.00
	%	50.20	43.60				6.20		100.00
1987-88	MU	5864.00	7986.00				1604.00		15454.00
	%	37.90	51.70				10.40		100.00
1988-89	MU	6878.00	7263.00				2376.00		16517.00
	%	41.64	43.97				14.39		100.00
1989-90	MU	7802.00	7222.00				3550.00		18574.00
	%	42.00	38.90				19.10		100.00
1990-91	MU	10017.00	8102.00				2725.00		20844.00
	%	48.00	38.90				13.10		100.00
1991-92	MU	9516.00	8726.00				4595.00		22837.00
	%	41.70	38.20				20.10		100.00
1992-93	MU	8758.00	9114.00				6748.00		24620.00
	%	35.57	37.02				27.41		100.00
1993-94	MU	9632.00	9639.00	525.00			7612.00		27408.00
	%	35.14	35.17	1.92			27.77		100.00
1994-95	MU	9687.00	10842.00	431.00			8449.00		29409.00
	%	32.94	36.87	1.47			28.73		100.00
1995-96	MU	6662.00	15103.00	540.00	8.00		7814.00		30127.00
	%	22.11	50.13	1.79	0.03		25.94		100.00
1996-97	MU	7969.29	16719.76	626.67	0.71	504.65	7308.33		33129.41
	%	24.06	50.47	1.89	0.00	1.52	22.06		100.00
1997-98	MU	7244.49	19019.69	1249.00	0.44	2049.67	7321.00		36884.29
	%	19.64	51.57	3.39	0.00	5.56	19.85		100.00
1998-99	MU	7189.24	19833.62	1798.82	0.64	2820.21	6921.05		38563.58
	%	18.64	51.43	4.66	0.00	7.31	17.95		100.00
1999-2K	MU	8132.00	21499.00	2006.34	1.18	4149.40	8221.00		44008.92
	%	18.48	48.85	4.56	0.00	9.43	18.68		100.00
2000-01	MU	7230.35	21934.25	1978.13	1.45	4945.67	9588.88		45678.73
	%	15.83	48.02	4.33	0.00	10.83	20.99		100.00
2001-02	MU	5757.00	22245.00	1951.35		6513.56	9645.92	838.17	46951.00
	%	12.26	47.38	4.16		13.87	20.54	1.79	100.00
2002-03	MU	3336.85	23032.54	2030.04		8169.00	11574.98	-206.52	47936.89
	%	6.96	48.05	4.23		17.04	24.15	-0.43	100.00
2003-04(*)	MU	2940.87	20401.25	2109.29	0.57	8636.46	13011.48	344.29	47444.21
	%	6.20	43.00	4.45		18.20	27.42	0.73	100.00
2004-05	MU	5264.95	21145.07	1908.20	2.25	8848.73	13774.03	179.58	51122.81
	%	10.30	41.36	3.73	0.00	17.31	26.94	0.35	100.00
2005-06	MU	7872.53	18718.33	1752.98		7730.29	15971.13	529.60	52574.86
	%	14.97	35.60	3.33		14.70	30.38	1.01	100.00
2006-07	MU	9246.63	19994.07	1445.47		7729.59	19487.34	167.36	58070.46
	%	15.92	34.43	2.49		13.31	33.56	0.29	100.00
2007-08	MU	9509.77	21451.57	1101.43		9003.87	19821.82	356.69	61245.15
	%	15.53	35.03	1.80		14.70	32.36	0.58	100.00
2008-09	MU	7702.54	23294.47	1440.69		8885.24	25315.86	747.96	67386.76
	%	11.43	34.57	2.14		13.19	37.57	1.11	100.00
2009-10	MU	5450.48	24101.16	2087.31		16025.76	22851.20	4095.95	74611.86
	%	7.31	32.30	2.80		21.48	30.63	5.49	100.00
2010-11	MU	7717.67	26845.62	1680.74		18004.95	19986.24	3528.83	77764.05
	%	9.92	34.52	2.16		23.15	25.70	4.54	100.00
2011-12(*)	MU	6375.55	32893.11	1447.93		16405.69	24953.20	3084.75	85160.23
	%	7.49	38.62	1.70		19.26	29.30	3.62	100.00
2012-13	MU	3206.64	34729.55	1140.08		11784.88	30413.50	923.41	82198.06
	%	3.90	42.25	1.39		14.34	37.00	1.12	100.00
2013-14	MU	7142.91	31706.00	1016.48		10055.06	37120.34	1150.28	88191.07
	%	8.10	35.95	1.15		11.40	42.09	1.30	100.00
2014-15 (Apr-May)	MU	621.37	5702.66	172.60		1827.07	6898.06	163.64	15385.40
	%	4.04	37.07	1.12		11.88	44.84	1.06	100.00
2014-15 (Jun-Mar)	MU	3204.74	16228.48	456.70		5279.12	14219.62	869.94	40258.60
	%	7.96	40.31	1.13		13.11	35.32	2.16	100.00
2015-16	MU	2441.01	22044.42	682.09		5961.59	8525.80	10732.75	50387.66
	%	4.84	43.75	1.35		11.83	16.92	21.30	100.00

(contd.,)

6.1 PATTERN OF POWER GENERATION IN ANDHRA PRADESH (2014-15 TO 2017-18)										
STATE, PRIVATE AND CENTRAL SECTORS										
YEAR	UNIT	Energy State Sector		Gas (VGTS)	Wind	Solar	Private sector	Central Sector	Others	TOTAL
		Hydel	Thermal							
2014-15 (Jun-Mar)	MU	3204.74	16228.48	456.70		.	5279.12	14219.62	869.94	40258.60
	%	7.96	40.31	1.13			13.11	35.32	2.16	100.00
2015-16	MU	2441.01	22044.42	682.09	2118.29	177.41	3314.46	15300.89	4309.09	50387.66
	%	4.84	43.75	1.35	4.20	0.35	11.83	16.92	21.30	104.56
2016-17	MU	2312.58	24728.76	673.82	3184.78	1543.44	7362.60	14600.51	833.46	55239.95
	%	4.19	44.77	1.22	5.77	2.79	13.33	26.43	1.51	100.00
2017-18	MU	2680.87	20561.95	#####	6370.35	3699.25	5516.65	10535.83	8287.61	58817.55
	%	4.56	34.96	1.98	10.83	6.29	9.38	17.91	14.09	100.00

*ex-bus figures from sldc

6.2 A.P - PROGRESS IN INSTALLED CAPACITY

Year	State Sector		Share from Central Sector	Total
	Hydel	Thermal		
1959-60	124.00	89	---	213
1960-61	124.00	89	---	213
1961-62	119.00	94	---	213
1962-63	119.00	94	---	213
1963-64	126.00	114	---	240
1964-65	151.60	144	---	295.6
1965-66	151.60	139	---	290.6
1966-67	151.60	259		410.6
1967-68	271.60	361	---	632.6
1968-69	271.60	342	---	613.6
1969-70	271.60	337	---	608.6
1970-71	271.60	337	---	608.6
1971-72	271.60	400	---	671.6
1972-73	271.60	400	---	671.6
1973-74	271.60	400	---	671.6
1974-75	271.60	620	---	891.6
1975-76	386.60	620	---	1006.6
1976-77	501.60	620	---	1121.6
1977-78	726.60	840	---	1566.6
1978-79	841.60	840	---	1681.6
1979-80	841.60	1050	---	1891.6
1980-81	1043.20	1260	---	2303.2
1981-82	1043.20	1260	---	2303.2
1982-83	1494.80	1247.5	---	2742.3
1983-84	1659.80	1247.5	54	2961.3
1984-85	1971.40	1192.5	162	3325.9
1985-86	2182.42	1192.5	202	3576.92
1986-87	2411.42	1192.5	234	3837.92
1987-88	2431.21	1192.5	299	3922.71
1988-89	2431.21	1192.5	577	4200.71
1989-90	2431.21	1402.5	717	4550.71

(Contd.,)

6.2 A.P - PROGRESS IN INSTALLED CAPACITY																
(MW)																
Year	State Sector			Joint Sector Gas	Share from Central Sector	Private Sector										Total
	Hydel	Thermal	Wind & Solar			Gas	Mini Hydel	Wind	Co-Generation		Bio-Mass	Mini power	Solar	others		
									Bagasse	Bio-Mass	Projects	plants				
1990-91	2461.21	1612.50	-	66.00	762.00	-	-	-	-	-	-	-	-	-	4901.71	
1991-92	2462.21	1612.50	-	100.00	807.00	-	-	-	-	-	-	-	-	-	4981.71	
1992-93	2524.21	1612.50	-	100.00	852.00	-	-	-	-	-	-	-	-	-	5088.71	
1993-94	2605.21	2032.50	-	100.00	897.00	-	-	-	-	-	-	-	-	-	5634.71	
1994-95	2665.21	2452.50	2.00	100.00	897.00	-	-	2.93	-	-	-	-	-	-	6119.64	
1995-96	2666.21	2452.50	2.00	100.00	897.00	-	3.75	41.85	-	-	-	-	-	-	6163.31	
1996-97	2666.21	2702.50	2.00	212.00	897.00	232.70	3.75	51.24	-	1.50	-	-	-	-	6768.90	
1997-98	2666.21	2952.50	2.00	272.00	885.00	423.90	15.75	52.74	-	1.50	-	-	-	-	7271.60	
1998-99	2666.21	2952.50	2.00	272.00	885.00	423.90	27.25	58.74	9.00	1.50	1.00	-	-	41.00	7340.10	
1999-2K	2681.21	2952.50	2.00	272.00	942.50	423.90	43.45	84.99	14.00	1.50	1.00	40.31	-	43.70	7503.06	
2000-01	2682.21	2952.50	2.00	272.00	1000.00	778.90	62.35	88.74	15.50	6.70	29.00	40.31	-	43.70	7973.91	
2001-02	2982.21	2952.50	2.00	272.00	1500.00	918.90	76.95	90.43	37.50	9.70	73.50	78.11	-	62.10	9055.90	
2002-03	3432.21	2962.50	2.00	272.00	2106.25	998.88	80.26	90.43	89.50	16.70	119.50	93.5	-	65.10	10328.83	
2003-04	3586.36	2972.50	2.00	272.00	2212.50	998.88	84.26	90.43	114.50	20.43	165.50	93.5	-	82.70	10695.56	
2004-05	3586.36	2992.50	2.00	272.00	2571.00	998.88	91.40	95.49	114.50	20.43	178.50	93.51	-	89.14	11105.71	
2005-06	3586.36	2962.50	2.00	272.00	2616.94	996.62	101.41	99.49	151.50	20.43	178.50	74.31	-	89.13	11151.19	
2006-07	3586.36	3172.50	2.00	272.00	2854.69	1366.62	101.40	101.34	158.20	29.25	182.50	74.31	-	95.14	11996.31	
2007-08	3625.36	3382.50	2.00	272.00	2963.22	1366.62	101.40	101.34	174.45	29.25	190.50	74.31	-	98.64	12381.59	
2008-09	3664.36	3382.50	2.00	272.00	2963.22	1366.62	104.40	101.34	174.45	29.25	190.50	74.31	-	102.30	12427.25	
2009-10	3703.36	4382.5	2.00	272.00	3048.54	2330.62	104.4	114.94	270.8	29.25	190.5	74.31	-	102.3	14625.52	
2010-11	3790.36	4592.5	2.00	272.00	2882.68	2494.7	104.4	187.74	270.8	29.25	190.5	74.31	2	109.8	15003.04	
2011-12	3829.36	5092.50	3.00	272.00	3116.54	2494.70	105.64	237.39	274.00	29.25	205.25	74.31	20.75	121.80	15876.49	
2012-13	3829.36	5092.50	3.00	272.00	3428.97	2494.70	105.64	431.29	274.00	29.25	205.25	78.79	22.75	121.80	16389.30	
2013-14	3829.36	5092.50	3.00	272.00	3501.40	2494.70	105.64	663.89	274.00	29.25	205.25	78.79	45.75	121.80	16717.33	
2014-15	1671.29	3148.15	2.00	34.29	1712.73	1150.31	89.10	1016.22	206.95	50.37	171.25	78.79	134.85	59.70	9526.00	
2015-16	1671.29	3948.15	2.00	34.29	1795.95	1578.95	89.1	1416.32	206.95	50.37	171.25	82.00	579.19	817.75	12443.56	

6.2 A.P - PROGRESS IN INSTALLED CAPACITY															
														(MW)	
Year	APGENCO			Joint Sector Gas	Share from Central Sector	Private Sector								Total	
	Hydel	Thermal	Wind & Solar			Gas	Mini Hydel	Wind	Co-Generation		Bio-Mass	Mini power plants	Solar		others
									Bagasse	Bio-Mass	Projects				
2014-15	1671.29	3148.15	2.00	34.29	1712.73	1150.31	89.10	1016.22	206.95	50.37	171.25	78.79	134.85	59.70	9526.00
2015-16	1671.29	3948.15	2.00	34.29	1795.95	1578.95	89.1	1416.32	206.95	50.37	171.25	82.00	579.19	817.75	12443.56
2016-17	1721.29	3948.15	5.426	34.29	1750.85	1578.95	87.44	3801.09	203.95	55.14	171.25	82	1874.95	1338	16652.78
2017-18	1797.60	5010.00	5.426	34.29	2330.55	1474.70	104.44	4019.09	203.95	64.14	171.25	17.20	2141.95	670.71	18045.30

6.3 INSTALLED CAPACITY AND NET GENERATION IN 2017-18

Sl.No	Name of the Power House	No.of Units x Capacity MW	Installed Capacity MW	Installed Capacity MW Share	Generation (ex-bus)during 2017-18	Auxiliary Consump tion MU	Plant Load Factor %	Availability Factor %
I	THERMAL							
1	Vijayawada - I Unit 1	1 x 210	210.00	210.00	1750.96	101.31	50.96	61.05
	Vijayawada - I Unit 2	1 x 210	210.00	210.00		111.02	55.54	67.54
	Vijayawada - II Unit 3	1 x 210	210.00	210.00	2700.17	158.28	82.18	93.52
	Vijayawada - II Unit 4	1 x 210	210.00	210.00		150.67	81.40	93.69
	Vijayawada - III Unit 5	1 x 210	210.00	210.00	2545.91	145.43	81.36	92.09
	Vijayawada - III Unit 6	1 x 210	210.00	210.00		141.14	72.60	84.93
	Vijayawada-IV	1x500	500.00	500.00	2852.47	169.29	68.98	82.87
2	R.T.P.P -I Unit 1	1 x 210	210.00	210.00	2468.03	142.66	75.51	88.65
	R.T.P.P -I Unit 2	1 x 210	210.00	210.00		156.62	74.96	88.40
	R.T.P.P -II Unit 3	1 x 210	210.00	210.00	2581.96	136.49	76.13	91.33
	R.T.P.P -II Unit 4	1 x 210	210.00	210.00		130.16	78.76	92.75
	R.T.P.P.Stg-3 Unit-5	1 x 210	210.00	210.00	1055.86	129.53	64.36	77.88
	R.T.P.P.Stg-4 Unit-1	1 x 600	610.00	600.00	112.97	--	--	--
3	SDS Thermal Power Project I & II, Krishnapatnam	1x800 1x800	1600.00	1600.00	4493.64	--	--	--
	TOTAL			5010.00	20561.97	1672.60	71.50	84.38
II.	HYDEL :							
	1. Machkund	3 x 17 3 x 23	✦ 84.00	84.00	246.26	--		
	2. T.B.H.E.S (T.B. Dam & Hampi)	4 x 9 4 x 9						
	3. Upper Sileru	4 x 60	240.00	240.00	481.27	1.43		
	4. Donkarayi	1 x 25	25.00	25.00	118.06	1.51		
	5. Lower Sileru	4 x 115	460.00	460.00	1101.33	6.18		
	6. Srisaillam RBHS	7 x 110	770.00	770.00	571.69	3.12		
	7.Nagarjunasagar RC PH	3 x 30	90.00	90.00	56.14	0.92		
	8.Penna Ahobilam	2 x 10	20.00	20.00	5.19	0.26		
	9.Mini Hydro/33&11kv plants		1.00	1.00	2.80	0.01		
	10.Nagarjuna sagar Tail pond	2 x 25	50.00	50.00	35.03	0.42		
		TOTAL			1797.60	2680.88	13.85	
	11.Solar APGENCO			5.426				
III.	GAS (Joint Sector)							
	VGTS - I & II (Gov Share 58.8 * 58.32 %)	(2 x 33) +1x34	58.80	34.29	546.76			
		(1x112) +1x60			618.28			
		Total Gas						
IV.	Utilisation from Central Projects :			2330.55	10535.83			
V	Private Sector Generation							
	1.IPPs			2108.06	5516.65			
	2.Wind			4019.09	6370.35			
	3.Solar			2139.95	3699.25			
VI	Others			600.33	8287.58			
	GRAND TOTAL (I TO VI)			18045.30	58817.55	1686.45		

(*) Data collected from EBC

✦ A.P.Share

**6.4 (A) COMMISSIONING DATES OF GENERATING UNITS
IN STATE SECTOR**

SL.No.	Station	Details of Unit	Capacity in MW	AP Share	Date of Commissioning
I.	APGENCO-THERMAL				
1	Dr NTPPS ,Vijayawada	Unit-I	210	210	01.11.1979
		Unit-II	210	210	10.10.1980
		Unit-III	210	210	05.10.1989
		Unit-IV	210	210	23.08.1990
		Unit-V	210	210	31.03.1994
		Unit-VI	210	210	24.02.1995
		Unit-VII	500	500	06-04-2009
2	RTPP Stage -I	Unit-I	210	210	31.03.1994
		Unit-II	210	210	25.02.1995
3	RTPP Stage -II	Unit-I	210	210	24.01.2007
		Unit-II	210	210	21.11.2007
4	RTPP Stage-III	Unit -I	210	210	31-12-2010
	RTPP Stage-IV	Unit -I	600	600	29.03.2018
5	SDS Thermal power project,krishnapatnam	Unit-I	800	800	05-02-15
6	SDS Thermal power project,krishnapatnam	Unit-II	800	800	24-08-15
Total Thermal			5010.00	5010.00	
II	APGENCO-HYDEL				
1	Machkund	Unit-I	17	84	19.08.1955
		Unit-II	17		12.12.1955
		Unit-III	17		26.06.1956
		Unit-IV	23		15.01.1959
		Unit-V	23		07.08.1959
		Unit-VI	23		08.08.1959
2	Tunga Bhadra	Unit-I	9	57.6	26.01.1957
		Unit-II	9		23.05.1957
		Unit-III	9		19.02.1964
		Unit-VI	9		19.06.1964
3	Hampi	Unit-I	9		10.02.1958
		Unit-II	9		26.03.1958
		Unit-III	9		14.04.1964
		Unit-IV	9		09.06.1964
4	Upper Sileru	Unit-I	60	240	14.10.1967
		Unit-II	60		31.03.1968
		Unit-III	60		31.03.1994
		Unit-IV	60		21.03.1995
5	Donkarayi		25	25	04.10.1983
6	Lower Sileru	Unit-I	115	460	28.03.1976
		Unit-II	115		06.10.1976
		Unit-III	115		08.11.1977
		Unit-IV	115		13.06.1978
7	Srisaillam RBHS	Unit-I	110	770	30.08.1982
		Unit-II	110		14.12.1982
		Unit-III	110		19.11.1983
		Unit-IV	110		27.08.1984
		Unit-V	110		31.03.1986
		Unit-VI	110		30.10.1986
		Unit-VII	110		19.03.1987
8	Nagarjunasagar Right Canal	Unit-I	30	90	24.02.1983
		Unit-II	30		14.09.1983
		Unit-III	30		10.09.1990
9	Penna Ahobilam	Unit-I	10	20	10.01.1994
		Unit-II	10		23.01.1994
10	Nagarjuna Sagar Tail Pond	Unit-I	25	50	05.01.2017
		Unit-II	25		28.01.2017
III.	MINI HYDEL				
1	Chettipeta (Godavari Canal) East Godavari Dist	Unit-I	0.50	1.00	03.08.1991
		Unit-II	0.50		09.08.1991
			1797.60	1797.60	
IV.	SOLAR				
1	Polavaram Right Canal		5.426	5.426	19.11.2016
*AP share ** Plant closed.					
Total APGENCO				6813.03	

**6.4 (B) COMMISSIONING DATES OF GENERATING UNITS
IN JOINT AND CENTRAL SECTOR**

Sl.No.	Station	Details of Unit	Capacity in MW	Date of Commissioning
6.4(B) -1 COMMISSIONING DATES OF GENERATING UNITS IN JOINT SECTOR				
II.	GAS - Joint Sector			
1	Vijjeswaram- Stage-I(West Godavari)	Unit-I	9.33	02.12.1990
		Unit-II		12.03.1991
		Unit-III		17.03.1992
2.	Vijjeswaram- Stage-II(West Godavari)	Unit-I	24.96	31.03.1997
		Unit-II		23.12.1997
Total Gas			34.29	
6.4(B) -2 SHARE FROM GENERATING UNITS IN CENTRAL SECTOR				
I	Thermal(Central Units with Capacity (MW))		share as on 31/03/2018	Date of Commissioning
1	RSTPS - Unit I - 200 MW		542.81	Oct, 1983
	Unit II - 200 MW			May, 1984
	Unit III - 200 MW			Dec, 1984
	Unit IV - 500 MW			Jun, 1988
	Unit V - 500 MW			Mar, 1989
	Unit VI - 500 MW			Oct, 1989
	RSTPS STAGE -III Unit VI I- 500 MW			April'2005
2	MAPP Unit I - 220 MW		18.42	
	Unit II - 220 MW			
3	NLC Unit I - 210 MW		134.47	17.01.1988
	Unit II - 210 MW			06.02.1987
	Unit III - 210 MW			29.03.1986
	Unit IV - 210 MW			30.03.1991
	Unit V - 210 MW			30.12.1991
	Unit VI - 210 MW			30.10.1992
	Unit VII - 210 MW			19.06.1993
4	KAIGA Unit I - 220 MW		116.13	1999-2001
	Unit II - 220 MW			1999-2001
	Unit III - 220 MW			19.05.2007
	Unit-IV-220 MW			20-01-2011
5	Simhadri Stage I- Unit I - 500 MW		461.11	24.08.2002
	Unit II - 500 MW			
6	Simhadri Stage II Unit I - 500 MW		266.9	
7	Talcher Stage II Unit 3- 500 MW		232.8	2002-03
	Talcher Stage II Unit 4 - 500 MW			25.10.2003
	Talcher Stage II Unit 5 - 500 MW			13.05.2004
	Talcher Stage II Unit 6 - 500 MW			05.02.2005
8	Vallur Stage-I,II, III (1500MW)		87.93	
9	Tuticorin,Tamilnadu 1x500 MW		123.15	
10	Kudankulam UnitI 1x1000		0	
11	NTPC (Kudgi) 1x800		271.84	
12	Westren region bundled power		75	
Total Share from Central Sector			2330.56	
6.4 (C) COMMISSIONING DATES OF GENERATING UNITS IN PRIVATE SECTOR				
S.No.	Station	Details of Unit	share as on 31/03/2018	Date of Commissioning
I.	GAS			
1.	Jegurupadu GVK CCGBTPS (East Godavari Dist.)	Unit-I	216.82	04.07.1996
		Unit-II		26.10.1996
		Unit-III		11.12.1996
		Unit-IV		20.06.1997
2	Jegurupadu GVK -Extn		101.44	14.04.2009
3	Godavari CCGBTPS (Spectrum-Kakinada - East Godavari Dist.)	Unit-I	205.19	09.01.1997
		Unit-II		17.02.1997
		Unit-III		21.06.1997
		Unit-IV		31.03.1998
4	Lanco (Kondapally) (Krishna Dist.)	Unit-I	361.92	22.06.2000
		Unit-II		19.09.2000
		Unit-III		18.10.2000
5	Vemagiri (East Godavari Dist)		170.61	16.09.2006
6	Konaseema Gas Power Ltd(East Godvari Dist)		204.77	17-06-2009
7	Gautami (East Godavari Dist)		213.95	05-06-2009
8	M/s Thermal Power tech		230.55	
9	M/s KSK Mahanadi Power Company Ltd		400.00	
TOTAL MW			2105.24	

6.4 (c) Commissioning Dates of Generating Units in Private Sector (Mini Hydel)

Sl. No.	Name of the Company	Location	District	Capacity Connected to Grid	No. x Capacity KW	Date of Commissioning
Mini Hydel (Capacity Under Power Purchase Agreement)						
1	Active Power Corporation (P) Ltd.	Budameru Diversion Canal, Vijayawada	Krishna	1440	1440	28.04.2000
2	M/s Bhavani Hydro Power Projects Pvt. Ltd.	Guntur Branch Canal	Guntur	550	550	17-11-2004
3	Manihamsa Power Projects Ltd.	Yeleswaram Reservoir	East Godawari	1500	1500	17.01.2001
4	Manihamsa Power Projects Ltd.	Yeleswaram Reservoir	East Godawari	1500	1500	06.02.2001
5	M/s. PMC Power Pvt. Ltd.	Pedanandipadu Branch Canal, G.Muppala	Guntur	650	650	17.05.2001
6	NCL Energy Ltd., Unit - I	On Pothireddy Padu Head regulator	Kurnool	2500	2500	28.09.2000
7	NCL Energy Ltd., Unit - II	On Pothireddy Padu Head regulator	Kurnool	2500	2500	17.11.2000
8	NCL Energy Ltd., Unit - III	On Pothireddy Padu Head regulator	Kurnool	2500	2500	09.02.2001
9	M/s.KM Power -I	Nippulavagu Canal, Guntakandala	Kurnool	4000	4000	06.02.2002
10	M/s.KM Power -II	Nippulavagu Canal, Velapanoor	Kurnool	3300	3300	07-11-2002
11	M/s. KM Power -III (2MW each)	Nippulavagu Canal, Madhavaram	Kurnool	4000	4000	2MW 21.11.2003 2MW
12	M/s Balaji Energy Ltd.	Somasila Reservoir	Kurnool	10000	10000	31-12-2005
13	M/s.Sardar Power Ltd	Nagavali river at Nagur, Gurugubilli	Vizianagaram	2000	2000	17-7-2008
Mini Hydel (Capacity Under Wheeling Agreement)						
14	Akshay Profiles (P) Ltd., Scheme-I	M 0-4-312 on GBC, Chilakaluripet Major	Guntur	500	1x500	13.07.2000
15	Akshay Profiles (P) Ltd., Scheme-II	M 0-4-312 on GBC, Chilakaluripet Major	Guntur	500	1x500	11.09.2000
16	Deccan Cements	Guntur Branch Canal	Guntur	3750	3x1250	28.02.1996
17	Espar Pak Ltd.	Bellamkonda Branch Canal	Krishna	1300	1x1300	08.04.2000
18	KCP Ltd., Scheme-I	Guntur Branch Canal	Guntur	1500	2x750	06.09.1999
19	KCP Ltd., Scheme-II	Guntur Branch Canal	Guntur	1500	2x750	20.11.1998
20	KCP Ltd., Scheme-III	Guntur Branch Canal	Guntur	1500	2x750	18.09.1998
21	KCP Ltd., Scheme-IV	Guntur Branch Canal	Guntur	2250	3x750	02.04.1999
22	KCP Limited Scheme-V	Guntur Branch Canal	Guntur	1500	2x750	14.03.1998
23	RPP Ltd., (2x1400)	Guntur Branch Canal	Guntur	2800	2x1400	21.11.1998
24	Dhanalakshmi Cotton & Rice Mills Ltd., Scheme - I	Addanki Branch Canal	Guntur	2000	2x1000	24.11.1997
25	Dhanalakshmi Cotton & Rice Mills, Scheme - II	Addanki Branch Canal	Guntur	1588	2x794	23.12.1997
26	Dhanalakshmi Cotton & Rice Mills Ltd., Scheme - III	Addanki Branch Canal	Guntur	2610		23.07.1997
27	Sagar Power Ltd,Scheme I	Guntur Branch Canal	Guntur	4300	4300	27.11.1997
28	Sagar Power Ltd,Scheme II	at Lock-in-sula on KC Canal	Kurnool	4000	4000	07.09.1998
29	Sri Jayalaxmi Power Corp., Scheme-I	Addanki Branch Canal	Guntur	2000	2x1000	27.02.2000
30	Sri Jayalaxmi Power Corp. Scheme-II	Addanki Branch Canal	Guntur	2000	2x1000	19.01.2000
31	SKJ Power Projects Ltd.,	Ongole Branch Canal	Prakasam	1500	2x750	27.01.1999
32	Shivani Power Spinners Ltd	Zulakallu Branch Canal	Krishna	750	1x750	11.03.2000
33	Trident Power Systems, Scheme-I	Addanki Branch Canal	Guntur	2000	2x1000	13.10.1999
34	Trident Power Systems, Scheme-II	Addanki Branch Canal	Guntur	2000	2x1000	26.08.1999
35	Trident Power Systems, Scheme-III	Addanki Branch Canal	Prakasam	3000	2x1500	28.02.2001
36	Tirumala Hydel Power Projects Ltd., Unit - I	Guntur Branch Canal	Guntur	800	2x400	02.02.2000
37	Tirumala Hydel Power Projects Ltd., Unit - II	Guntur Branch Canal	Guntur	800	1x800	01.07.2000
38	Tirumala Hydel Power Projects Ltd., Unit - III	Guntur Branch Canal	Guntur	800	1x800	06.11.2000
39	M/s NCL Energy Ltd T.B.Dam Right Bank High Level Canal.Ballery dt,	Inter State Mini Hydel UNIT -I, II, III	Karnataka State	3804.1	8250	9/27/2004
40	M/s Bhavani Hydro Power Projects Pvt. Ltd.	Bellamkonda Branch canal. Scheme II	Guntur	550.0		8/28/1999
41	Manihamsa Power Projects Ltd.	Yeleswaram , Reservoir Project, East Godawari	East Godawari	1500	1500	17.01.2001
42	M/s A.P.Tribal Power Com Ltd.	MHS on Yeleru River (Pedda Vagu) near Vetamamidi (V) Addathigala (M)	East Godavari	1200	1200	15.4.2011
43	M/s Balaji Energy Private Ltd.	Somasila Reservoir	Nellore	3000		30.11.2017
44	M/s Balaji Energy Private Ltd.	Somasila Reservoir	Nellore	8000		02.12.2017
45	M/s Kandaleru Power Company Ltd	Kandaleru Reservoir,Rapur	Nellore	3000		17.12.2017
		Total Mini Hydel in MW		104.74	MW	

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:					
1	M/s NILE Ltd.	Ramagiri, Ananthpur, APCPDCL	Ananthapur	2.00	30.08.95
2	M/s BHEL-I	Kadavakallu, Ananthapur, APCPDCL	Ananthapur	3.00	06.09.95
3	M/s BHEL-III	Kadavakallu, Ananthapur, APCPDCL	Ananthapur	4.00	06.09.95
4	M/s Weizmann Ltd.	Ananthapur, APCPDCL	Ananthapur	8.00	13.09.95
5	M/s IL&FS Ltd.	Ramagiri, Ananthapur, APCPDCL	Ananthapur	6.50	07.11.95
6	M/s Veeramani Biscuit Industries Ltd.	Ramagiri, Ananthapur, APCPDCL	Ananthapur	1.00	10.01.96
7	NEDCAP	Kondamedapalli Kurnool APCPDCL	Kurnool	2.75	31.3.2001
8	NEDCAP	Narsimhakonda Nellore APSPDCL	Nellore	2.5	7.5.2004
9	M/s Hyderabad Chemicals Supplies Limited.	Kadavakallu Ananthapur Dist. APCPDCL	Ananthapur	3.75	09.06.2006
10	M/s Hyderabad Chemicals Products Limited.	Kadavakallu Ananthapur Dist. APCPDCL	Ananthapur	0.75	09.06.2006
11	M/s Maxivision Laser Centre Pvt. Ltd.	-do-	Ananthapur	0.45	7.2.2006
12	Dr.Kasu Prasad Reddy.	-do-	Ananthapur	0.45	7.2.2006
13	M/s Vimal Roller Flour Mills	-do-	Ananthapur	0.225	7.2.2006
14	M/s V.V.Agro Foods	-do-	Ananthapur	0.225	7.2.2006
15	M/s Orange Sorting Machines(India) Pvt. Ltd	Kondameedipalli, Thummalapenta(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	06.04.2010
16	M/s Canara Cements Pipes	Kondameedipalli, Petnikota(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	20.04.2010
17	M/s Nandi Roller Flour Mills(P) Ltd	Kondameedipalli, Thummalapenta(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	15.04.2010
18	M/s Texmo Industries	Kondameedipalli, Petnikota(V), kolimigundla(M) Kurnool District.	Kurnool	2.4	15.04.2010
19	M/s Prakash Beedies Pvt. Ltd	Kondameedipalli, Thummalapenta(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	08.04.2010
20	M/s Arts and Crafts Exports	Kondameedipalli, Petnikota(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	22.04.2010
21	M/s G. shoe Export	-Do-	Kurnool	0.8	22.04.2010
22	M/s Chandulal Surajmal	-Do-	Kurnool	0.8	22.04.2010
23	M/s Compucom Software Ltd.	-Do-	Kurnool	0.8	22.04.2010
24	M/s Mayura Steels Pvt. Ltd	-do-	Kurnool	0.8	23.04.2010
25	M/s Siddaganga Oil Extractions Pvt. Ltd.	-do-	Kurnool	1.6	24.04.2010
26	M/s Protectron Electromech Pvt. Ltd	Kondameedipalli, Thummalapenta(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	24-04-2010
27	M/s S.Kumar	Kondameedipalli, Petnikota(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	24-04-2010
28	M/s Meghana Associates	-do-	Kurnool	0.8	22-04-2010
29	M/s Vikram Traders	Kondameedipalli, Itikyai(V), kolimigundla(M) Kurnool District.	Kurnool	0.8	18-06-2010
30	M/s Shilpa Medicare Ltd.	Kondameedipalli, Petnikota(V), kolimigundla(M) Kurnool District.	Kurnool	1.6	18-06-2010

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:					
31	M/s Texmo Precision Castings Ltd.	Kondameedipalli, Thummalapenta(V), kolimigundla(M) Kurnool District.	Kurnool	1.6	03.08.2010
32	M/s Vaayu(India) Power Corporation Ltd(Phase-I)	Kondameedipalli, Petnikota(V), kolimigundla(M) Kurnool District.	Kurnool	4.8	02.08.2010
33	M/s Vaayu(India) Power Corporation Ltd(Phase-2)	Kondameedipalli, Petnikota(V) and Thummalapenta(v), kolimigundla(M) Kurnool District.	Kurnool	4.8	25-09-2010
34	M/s Vaayu(India) Power Corporation Ltd(Phase-3)	Kondameedipalli, Chintayalapalli(V) & Abdullapuram(V), kolimigundla(M) Kurnool District.	Kurnool	4.8	30.03.2011
35	M/s Vaayu(India) Power Corporation Ltd(Phase-4)	Kondameedipalli, Chintayalapalli(V), kolimigundla(M) Kurnool District.	Kurnool	11.2	28.09.2010
36	M/s Vish Wind Infrastructure LLP (Phase-I)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	0.8	14.10.2010
37	M/s Vish Wind Infrastructure LLP (Phase-III)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	1.6	14.10.2010
38	M/s Vish Wind Infrastructure LLP (Phase-II)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	2.4	14.10.2010
39	M/s Vaayu(India) Power Corporation Ltd(Phase-5)	Kondameedipalli, Chintayalapalli(V), kolimigundla(M) Kurnool District.	Kurnool	4.8	30.09.2010
40	M/s Vaayu(India) Power Corporation Ltd(Phase-6)	Kondameedipalli, Chintayalapalli(V), kolimigundla(M) Kurnool District.	Kurnool	9.6	02.12.2010
41	M/s Vish Wind Infrastructure LLP (Phase-III)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	1.6	31.03.2011
42	M/s Vaayu(India) Power Corporation Ltd(Phase-7)	Kondameedipalli, Chintayalapalli(V), kolimigundla(M) Kurnool District.	Kurnool	10.4	31.12.2010
43	M/s. Texonic Instruments.	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	0.8	30.03.2011
44	M/s Happy Valley Developers	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	0.8	31.03.2011
45	M/s. Shreem Electric Limited	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	1.6	31.03.2011
46	M/s. Hyderabad Chemicals limited	Kadavakallu, Ananthapur District.	Ananthapur	5.1	30.06.2011
47	M/s.Sai Silks (Kalamandir)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	2	31.03.2011
48	Triveni Enterprises	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	0.8	30.09.2011
49	M/s. International – Conveyors (Phase-I)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	0.8	22.09.2011
50	M/s. International Conveyors (Phase-II)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	0.8	22.09.2011

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:					
51	M/s Vish Wind Infrastructure LLP (Phase-IV)	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	1.6	30.09.2011
52	M/s Ramansons Asbestos cement products	Kondameedipalli, Kurnool District. APCPDCL	Kurnool	0.8	30.09.2011
53	M/s IOCL	Vajrakarur, Anantapur	Anantapur	16.8	31.03.2012
54	M/s Mytrah Vayu (Pennar) Pvt Ltd. (Phase-I)	Vajrakarur, Anantapur	Anantapur	16.8	31.03.2012
55	M/s NREDCAP	Rekulakunta (V), Anantapur	Anantapur	5.95	29.03.2012
56	M/s NREDCAP	Kodamamidipalli, Anantapur	kurnool	1.6	31.03.2012
57	M/s.IOCL	Vajrakarur, Anantapur	Anantapur	10.5	18.05.2012
58	M/s.MGM Springs private Limited	Nallakonda site, Penukond (M) Anantapur Dist.	Anantapur	0.8	19.07.2012
59	M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-II)	Vajrakarur, Anantapur	Anantapur	16.8	25.10.2012
60	M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-III)	Vajrakarur, Anantapur	Anantapur	6.3	25.10.2012
61	M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-IV)	Vajrakarur, Anantapur	Anantapur	6.3	25.10.2012
62	M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-V)	Vajrakarur, Anantapur	Anantapur	4.2	25.10.2012
63	M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-VI)	Vajrakarur, Anantapur	Anantapur	4.2	25.10.2012
64	M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-VII)	Vajrakarur, Anantapur	Anantapur	6.3	25.10.2012
65	M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-VIII)	Vajrakarur, Anantapur	Anantapur	2.1	25.10.2012
66	M/s Neminath Trading Company (M/s.RV Consulting services Private Ltd)	Nallakonda site, Penukond (M) Anantapur Dist	Anantapur	0.8	10.04.2013
67	M/s.Khandke Wind Energy Private Ltd phase-I	Nallakonda site, Penukond (M) Anantapur Dist	Anantapur	2.4	10.04.2013
68	M/s.Khandke Wind Energy Private Ltd phase-II	Nallakonda site, Penukond (M) Anantapur Dist	Anantapur	6.4	04.05.2013
69	M/s.Sri KPR Infra & Projects Ltd	Gandikota, Jammalamadugu APSPDCL	Kadapa	2.1	17.07.2013
70	M/s.Weld Fuse Pvt Ltd	Gandikota, Jammalamadugu APSPDCL	Kadapa	2.1	17.07.2013
71	M/s.KRBL Ltd	Gandikota, Jammalamadugu APSPDCL	Kadapa	2.1	17.07.2013
72	M/s.Sri Venkateswara Pipes Limited	Gandikota, Jammalamadugu APSPDCL	Kadapa	2.1	17.07.2013
73	M/s.Khandke Wind Energy Private Ltd phase-III	Nallakonda site, Penukond (M) Anantapur Dist	Ananthapur	4	11.07.2013
74	M/s.Khandke Wind Energy Private Ltd phase-IV	Nallakonda site, Penukond (M) Anantapur Dist	Ananthapur	2.4	04.08.2013
75	M/s.Beta Wind Farms private Limited	Kadavakallu Area in Anantapur Dist	Ananthapur	43.2	27.07.2013
76	M/s.Saptagir Camphor limited	Nallakonda site, Penukond (M) Anantapur Dist	Ananthapur	0.8	05.08.2013
77	M/s.IOCL	Gandikota YSR Kadapa	YSR Kadapa	14.7	03.04.2013
78	M/s.Hetro Wind power project Limited	220/132 KV Kondapuram SS, Kadapa	YSR Kadapa	13.5	3.07.2013
79	M/s .Rayala wind Turbine Limited	Balavenkatapuram(V) Anantapur dist	Ananthapur	101.2	29.11.2013
80	M/s. Khandke Wind Energy Pvt Ltd Phase -V	Nallakonda site, Penukond (M) Anantapur Dist	Ananthapur	4	06.09.2013
	do	do	Ananthapur	4	25.09.2013
	do	do	Ananthapur	8	30.11.2013
81	M/s.Mytrah Vayu (India) Pvt Ltd	Burugula site,Kurnool	Kurnool	37.4	21-02-2014
82	M/s Woodside Fashions Ltd	Chabala(V), Vajrakarur(M), Ananthapur Dist	Ananthapur	2.1	28.03.2014

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:					
83	M/s Hitech Systems & services Ltd	P.C.Pyapalli(V), Vajrakarur (M), Ananthapur Dist	Ananthapur	4.2	28.03.2014
84	M/s.Indian Oil Corporation Limited (Suzlon)	Gandikota Jammalamadugu YSR Kadapa	YSR Kadapa	4.2	31.03.2014
85	M/s Rayala wind power projects Ltd	Balavenkatapuram(V) Anantapur dist	Ananthapur	50	26.07.2014
86	M/s Energon Power Resource Pvt Ltd	Tagguparthi(V), Ananthapur Dist	Ananthapur	48	08.07.2014
87	M/s KRBL	Ganthimarri(V), Ramagiri	Ananthapur	8.4	21.11.2014
88	M/s Santhiram Wind power Pvt Limited	Chabala(V), Vajrakarur(M), Ananthapur Dist	Ananthapur	2.1	12.06.2014
89	M/s BNR constructions	Kondamedapalli(V), Kolimigundala (M), Kurnool APSPDCL	Kurnool	1	19.12.2014
90	M/s En En Electrical Engineers Pvt Limited	Vajrakarur(M), Ananthapur Dist	Ananthapur	2.1	14.11.2014
91	M/s Rajasthan Gum Pvt Limited	Muthuvakuntala(V), Kanganapalli(M), Anthapur District	Ananthapur	2.1	31.12.2014
92	M/s sterling Agro Industries Limited	Tallimadugula(V), Anthapur District	Ananthapur	4.2	29.01.2015
93	Energon Ph-II	Tagguparthi , Anantapuram	Anantapuram	100	11.03.2015
94	Anantapura Wind Energies Pvt Limited (Rayala group)	Anthapur District	Anantapuram	10	19.05.2015
95	Rayalaseema Wind Energies Pvt Limited (Rayala group)	Anthapur District	Anantapuram	10	19.05.2015
96	M/s Hitech Systems & services Ltd	Anthapur District	Anantapuram	2.1	02.06.2015
97	Sri Vijayeebhava Enterprises private Limited	Muthuvakuntala(V), Kanganapalli(M), Anthapur District	Anantapuram	2.1	01.08.2015
98	Karam Chand Thapar & Bros Limited	Borampalli, Kalyandurg (V) Anthapur District	Anantapuram	24	10.08.2015
99	Jindal Aluminium Limited	Vajrakarur, Uravakonda.	Anantapuram	25.2	25.08.2015
100	Rayala wind power company limited	Balavenkatapuram (V) Anantapur dist	Anantapuram	8	15.09.2015
101	Sunwin power tecg India LLP	Signamala, Ananthapur District.	Anantapuram	4	28.11.2015
102	Vibrant green tech India (P) Ltd	Signamala, Ananthapur District.	Anantapuram	0.8	28.11.2015
103	Vibrant green tech India (P) Ltd	Signamala, Ananthapur District.	Anantapuram	8	15.12.2015
104	Mythrah Vaayu (Indiravathi) Pvt Ltd	Pottipadu, Vajrakarur in Anthapur Dist	Anantapuram	39.9	31.12.2015
105	Mythrah Vaayu (Indiravathi) Pvt Ltd	Pottipadu, Vajrakarur in Anthapur Dist	Anantapuram	65.1	06.03.2016
106	Mangalam Fashions Ltd	Belguppa in	Anantapuram	2.1	24.03.2016
107	Woodside Fashions Ltd	Belguppa in	Anantapuram	2.1	24.03.2016
108	Levelstate Systems Pvt Ltd	Belguppa in	Anantapuram	2.1	24.03.2016
109	Ushodaya Enterprises Pvt Ltd	Belguppa in	Anantapuram	4.2	24.03.2016
110	Shrinath Gum & Chemicals	Belguppa in	Anantapuram	2.1	24.03.2016
111	Shree Ram Industries	Belguppa in	Anantapuram	4.2	24.03.2016
112	Om Prakash Soni	Belguppa in	Anantapuram	2.1	24.03.2016
113	Sai Pet Preforms	Belguppa in	Anantapuram	2.1	24.03.2016
114	Manoj Aggarwalla	Belguppa in	Anantapuram	2.1	24.03.2016
115	Imperial Arts	Belguppa in	Anantapuram	2.1	27.03.2016
116	Eenadu Television Pvt Ltd	Belguppa in	Anantapuram	2.1	27.03.2016
117	Hi-Tech Systems and Services Ltd	Belguppa in	Anantapuram	2.1	27.03.2016
118	Prince Art Exporter	Belguppa in	Anantapuram	4.2	27.03.2016
119	M/s orange Anantapur Wind Power Pvt Limited	Nimbagal(V), Uravakonda (M), Ananthapur dist	Anantapuram	100	28.03.2016
120	Kaushaliya Devi Dhoot	Belguppa in	Anantapuram	2.1	29.03.2016
121	Satyanarayana Dhoot	Belguppa in	Anantapuram	2.1	29.03.2016

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:					
122	Rajasthan Gumn Private Limited	Belguppa in	Anantapuram	8.4	30.03.2016
123	Chimique (INDIA)Pvt Ltd	Pottipadu in Anantapuram District	Anantapuram	2.1	30.03.2016
124	Jai Bharath Gum & Chemicals Ltd	Belguppa in	Anantapuram	2.1	31.03.2016
125	Dinesh Enterprises	Belguppa in	Anantapuram	2.1	31.03.2016
126	M/s Sandla Wind Power Project Limited	Vidapanakallu, Ananthapur District	Anantapuram	50.4	31.03.2016
127	Hetero Wind Power (Pennar)Pvt Ltd	Tirumalayapalli Kadapa District	Kadapa	10.5	19.06.2016
128	Hetero Wind Power (Pennar)Pvt Ltd	Palakonda Hills in Anantapuram District	Ananthapur	6	13.07.2016
129	KCT Renewable Energy Pvt Ltd	Molagavalli (V)Aspari(M) Kurnool District	Kurnool	20.4	14.07.2016
130	KCT Renewable Energy Pvt Ltd	Nallakonda in Anantapuram District	Ananthapur	18.7	14.07.2016
131	Ostro Anantapur Pvt Ltd	Honnura-Palturu, Nimbagal(V), Uravakonda (M), Anantapur dist	Ananthapur	100	21.07.2016
132	JED Solar Parks Pvt Ltd	Yatakal in Anantapuram District	Ananthapur	24	23.07.2016
133	Poly Solar Parks Pvt Ltd	Ellutla in Anantapuram District	Ananthapur	24	23.07.2016
134	Sterling Agro Industries Ltd	Nallakonda in Anantapuram District	Ananthapur	3.2	17.08.2016
135	Sterling Agro Industries Ltd	Nallakonda in Anantapuram District	Ananthapur	8.8	17.08.2016
136	ZR Renewables Energy Pvt Ltd	Tallaricheruvu , Anantapuram District	Ananthapur	16	27.08.2016
137	NATCO	Betamcherla in Kurnool	Kurnool	1.6	09.09.2016
138	Mytrah Vayu (Tungabhadra)Pvt Ltd	Aspari site in Kurnool District	Kurnool	50.6	27.03.2017
139	Mytrah Vayu (Krishna) Pvt Ltd	Burugula in Kurnool District	Kurnool	8	24.3.2017
140	Mytrah Vayu (Thungabhadra) Pvt Ltd	Aspari (V&M) in Kurnool District	Kurnool	98.3	15.10.2016
141	TSSS Infotech and Infra Ltd	Nallakonda in Anantapuram District	Ananthapur	2.4	9.3.2017
142	Saptagir Camphor Ltd	Nallakonda in Anantapuram District	Ananthapur	0.8	9.3.2017
143	Amrit Bottlers Pvt Ltd	Nallakonda in Anantapuram District	Ananthapur	0.8	28.3.2017
144	Animala Wind Power Pvt Ltd	Anemela Village YSR Kadapa District	Kadapa	60	30.03.2017
145	Hetero Wind Power (Pennar) Pvt Ltd	Tirumalayapalli Kadapa	Kadapa	24	21.08.2016
146	The KTM Jewellery Pvt Ltd	Nallakonda in Anantapuram District	Ananthapur	1.6	9.3.2017
147	ReNew Wind Energy (Shivapur)Pvt Ltd	Ellutla in Anantapuram District	Ananthapur	44.1	24.08.2016
148	ReNew Wind Energy (Shivapur)Pvt Ltd	Ellutla in Anantapuram District	Ananthapur	39.9	29.11.2016
149	Axis Wind Energy (MPR Dam)	MPR Dam Anantapuram District	Ananthapur	100	30.03.2017
150	ReNew Wind Energy (Shivapur)Pvt Ltd	Ellutla in Anantapuram District	Ananthapur	4.2	13.10.2016
151	Vayu Urja Bharat Pvt Ltd	Guruvapalli/Marrimakula palli in Anantapuram District	Ananthapur	120	31.03.2017
152	Danu Wind Parks Pvt Ltd	Betamcherla in Kurnool	Kurnool	22.4	07.09.2016
153	Ostro Andhra Wind Pvt Ltd	Ramapuram Kottakurakulapalli in Anantapuram	Ananthapur	98.7	23.03.2017
154	Ostro AP Wind Pvt Ltd	Rallapalli Chennam Palli Rallaanantapuram in Anantapuram District	Ananthapur	98.7	23.03.2017
155	M/s. Fujin Wind Parks Pvt Ltd	Kandimalayapalli	Kadapa	46	31.03.2017
156	Jaibharat Gum & Chemicals Pvt Ltd	Ragulapadu	Anantapuram	2.1	20.09.2016
157	RBA Properties Pvt Ltd	Pottipadu Anantapuram	Anantapuram	2.1	20.09.2016

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:					
158	ReNew Wind Energy (Shivapur) Pvt Ltd	Ellutla Anantapuram	Anantapuram	31.5	13.10.2016
159	M/s. Helios Infratech Pvt Ltd	Badra Puram Anantapuram	Ananthapur	100.8	30.03.2017
160	M/s.Skiron Renewable Energy (Amidyala) Pvt Ltd	Amidyala (V) Anantapuram District	Ananthapur	226.8	28.03.2017
161	Saipuram Wind Energies Pvt Ltd	Rudrampalli, Borampalli Elagalavanka Anantapuram	Ananthapur	105	23.3.2017
162	Tata Power Renewable Energy Pvt Ltd	Honnura - Palturu	Palturu	100	27.12.2016
167	Orange Uravakonda Wind Power Pvt Ltd	Belguppa in	Ananthapur	100.8	28.07.2016
168	Axis Wind Energy (Anantapur) Pvt Ltd	MPR Dam / Kuderu site Anantapuram District	Ananthapur	105	23.3.2017
169	M/s. PTC Energy Ltd	Mulagavali, Kurnool	Kurnool	50	18.3.2017
170	KCT Renewable Energy Ph-1	Mulagavali, Kurnool	Kurnool	20	28.02.2017
171	KCT Renewable Energy Ph-2	Mulagavali, Kurnool	Kurnool	20	28.02.2017
172	PTC Energy Pvt Ltd	Kandimalayapalli	Kadapa	49.3	24.03.2017
173	PTC Energy Pvt Ltd	Payalakuntla, YSR Kadapa District	YSR Kadapa	40	30.03.2017
174	KPR Infra & Projects Ltd	Tallimadugula, Anantapuram	Anantapuram	2	30.03.2017
175	Bommidala Enterprises Pvt Ltd	Tallimadugula, Anantapuram	Anantapuram	2	30.03.2017
176	Poonawalla Aviation Pvt Ltd	Belguppa in	Anantapuram	6.3	18.03.2017
177	Poonwalla Shares & Securities Pvt Ltd	Belguppa in	Anantapuram	4.2	18.03.2017
178	Cyzachem Pvt Ltd	Belguppa in	Anantapuram	4.2	18.03.2017
179	Villos Greenfield Farms	Belguppa in	Anantapuram	6.3	18.03.2017
180	Cyrus Poonawalla Family Trust	Belguppa in	Anantapuram	2.1	18.03.2017
181	Poonawalla Estate Stud & A gri Farm Pvt Ltd	Belguppa in	Anantapuram	4.2	18.03.2017
182	Chanda Investment & Trading C.Pvt Ltd	Belguppa in	Anantapuram	4.2	18.03.2017
183	Adurjee Bros Pvt Ltd	Belguppa in	Anantapuram	14.7	18.03.2017
184	Naukhal Investment Pvt Ltd	Belguppa in	Anantapuram	4.2	18.03.2017
185	Eenadu Television Pvt Ltd	Vajrakarur in Anantapuram	Anantapuram	10.5	18.03.2017
186	Ushodaya Enterprises Pvt Ltd(A Diviion of Renewable Energy)	Vajrakarur in Anantapuram	Anantapuram	2.1	18.03.2017
187	Arkas Energy LLP	Vajrakarur in Anantapuram	Anantapuram	2.1	18.03.2017
188	Jai Bharath Gum & Chemicals Ltd	Vajrakarur in Anantapuram	Anantapuram	4.2	18.03.2017
189	Rajasthan Gum Pvt Ltd	Vajrakarur in Anantapuram	Anantapuram	4.2	18.03.2017
190	Chimique (India) Ltd	Vajrakarur in Anantapuram	Anantapuram	2.1	18.03.2017
191	Mayank Green Energy	Belguppa in	Anantapuram	2.1	18.03.2017
192	Hi -Tech Systems & Service Ltd -Ph-2	Belguppa in	Anantapuram	8.4	18.03.2017
193	Hi -Tech Systems & Service Ltd -Ph-1	Belguppa in	Anantapuram	4.2	18.03.2017
194	Eenadu Television Pvt Ltd	Belguppa in	Anantapuram	2.1	18.03.2017
195	Ushodaya Enterprises Pvt Ltd(A Diviion of Renewable Energy)	Belguppa in Anantapuram	Anantapuram	6.3	18.03.2017
196	PTC Energy Pvt Ltd	Devankonda, Anantapuram	Anantapuram	49.5	30.03.2017
197	Green Infra Wind Solution Ltd	Karadikonda, Anantapuram	Anantapuram	49.5	30.03.2017
198	Mangalam Fashions Limited	Tallimadugula, Anantapuram	Anantapuram	2	30.03.2017
199	HC commercial LTD	Tallimadugula, Anantapuram	Anantapuram	2	30.03.2017
200	Amrit Bottlers Prviate Limited	Tallimadugula, Anantapuram	Anantapuram	2	30.03.2017
201	RSM Estates Ltd	Tallimadugula, Anantapuram	Anantapuram	2	30.03.2017
202	Daulat Financial Services Private Limited	Tallimadugula, Anantapuram	Anantapuram	2	30.03.2017
203	Dindore	Mulagavali, Kurnool	Kurnool	9.2	30.03.2017
204	Mulagavalli Renewable Energy Pvt Ltd	Mulagavali, Kurnool	Kurnool	46	30.03.2017
205	NREDCAP Ltd	Mulagavali, Kurnool	Kurnool	4	30.03.2017
206	Chaitanya Projects	Nallakonda in Anantapur	Anantapuram	0.8	30.03.2017
207	Vibrant greentech India Pvt Ltd	Rekulakunta in	Anantapuram	4.25	30.03.2017

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:					
208	Danu Wind Parks Pvt Ltd	Nelakota in Anantapuram District	Anantapuram	23	30.06.2017
209	Aeolus Wind Parks Pvt Ltd	Kandimalayapalli	Kadapa	50.6	09.08.2017
210	M/s. Animala Wind Power Pvt Ltd	Nandipalli (V) YSR Kadapa	Kadapa	30	24.08.2017
211	Mytrah Vayu (Krishna) Pvt Ltd	Burugula in Kurnool District	Kurnool	2.3	03.03.2018
212	Limited	Palakonda Hills	Anantapuram	62.6	22.03.2018
213	Vayuputhra Energy Pvt Ltd	Vajrakarur	Anantapuram	16	22.03.2018
214	M/s Zemira Renewable Energy Ltd (formerly Adani Wind Energy (AP) Limited)	Borampalli	Anantapuram	50.4	27.03.2018
215	Axis Wind Farm (Rayalaseema)Pvt Ltd	MPR DAM/Kuderi	Anantapuram	35.7	02.03.2018
				3659.10	MW
PROJECTS WHEELING ENERGY UNDER SUBSISTING WHEELING AGREEMENTS:					
Sl. No.	Name of the Plant	Location		Installed Capacity (MW)	Commercial Operation Date
1	M/s APSRTC, Mushirabad, Hyderabad-	Ramagiri, Anantapur	Anantapuram	10.0	30.09.1995
2	M/s Andhra Sugars Ltd., Venkatarayapuram, Tanuku, West Godavari.	Ramagiri, Anantapur	Anantapuram	2.0	30.09.1994
3	M/s Deccan Cements Ltd., Deccan Chambers, 6-3-666/B, Somajiguda, Hyderabad	Ramagiri, Anantapur	Anantapuram	2.0	26.02.1995
4	M/s Hyderabad Chemical Products Ltd. A-24/25, APIE, Balanagar, Hyderabad	Kadavakallu, Anantapur	Anantapuram	0.3	31.03.1999
5	M/s Hyderabad Chemical Supplies Ltd., A-24/25, APIE, Balanagar, Hyderabad	Kadavakallu, Anantapur	Anantapuram	2.0	31.03.1999
6	M/s ITW Signode India Ltd. 3 rd , Floor, Merchant Towers 5, Road No.4, Banjara Hills, Hyderabad	Ramagiri, Anantapur	Anantapuram	1.0	22.05.1995
7	M/s IDL Industries Ltd. , Chenoy Trade Centre, IV Floor, 116 Parklane, Secunderabad	Polepally (V), Ramagiri (M). Anantapur	Anantapuram	1.0	29.09.1997
8	M/s PSM Spinning Ltd., 208 &408, Nilgiri, Ameerpet, Hyderabad	Ramagiri, Anantapur	Anantapuram	1.8	08.03.1996
9	M/s RCI Power Ltd. WESCARE Towers, Cenotaph Road, Tenyampet, Chennai	Komatikuntla Anantapur	Anantapuram	20.0	31.03.1999
10	M/s Sarita Software & ind. Ltd., Plot NO.28, Navodaya Colony, Road No.2 Banjara Hills, Hyderabad	Kadavakallu, Anantapur	Anantapuram	2.0	30.08.2000
11	M/s Sri Rayalaseema Alkalies & Allied Chemicals Ltd. 6-2-1012, 2 nd Floor, TGV Mansions, Opp. Institution of Engineers, Khairatabad, Hyderabad	Ramagiri, Anantapur	Anantapuram	3.0	31.03.1996
12	M/s Sri Rayalaseema Power Corporation Ltd. 6-2-1012, 2 nd Floor, TGV Mansions, Opp. Institution of Engineers, Khairatabad, Hyderabad	Ramagiri, Anantapur	Anantapuram	1.9	31.03.1997
13	M/s Sri Vasavi Industries Ltd., Plot No. 28, Navodaya Colony, Road No.2, Banjara Hills, Hyderabad	Tarakavaripally, Kadavakallu, Anantapur	Anantapuram	2.0	28.07.1999
14	M/s Bharath wind farms (formerly M/s WESCARE (India) Ltd). WESCARE Towers, Cenotaph Road, Tenyampet, Chennai	Kadavakallu, Anantapur	Anantapuram	5.0	31.03.2000.
15	Renewable Energy Systems Ltd	Ramagiri, Anantapur	Anantapuram	8.5	z
16	BHEL (Phase-II)	Ramagiri, Anantapur	Anantapuram	4.0	31.03.2001
17	M/s TTD, Tirumala Tirupathi	Kakulakonda, Tirumala, Tirupathi, Chittoor Dist.	Chittoor	6.0	19.02.2004
				72.49	MW
PROJECTS SELLING ENERGY TO APDISCOMs UNDER Open Access AGREEMENTS:					
Sl. No.	Name of the Plant	Location		Installed Capacity (MW)	Commercial Operation Date
1	M/s.Hetro Wind power project Limited	220/132 KV Kondapuram SS, Kadapa	Kadapa	40.50	3.07.2013
2	M/s. Tirumala cotton Agro Products Limited	Gandikota, Jammalamadugu	Kadapa	2.10	6.07.2013
3	M/s. Tirumala cotton Agro Products Limited	dist	Ananthapur	2.10	15.10.2013
4	M/s. Ravali Spinners Pvt Ltd	dist	Ananthapur	2.10	19.12.2013
5	M/s. IOCL	Jammalla Madugu, YSR Kadapa	Kadapa	2.10	31.03.2014

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

Sl. No.	Name of the Plant	Location	District	Installed Capacity (MW)	Commercial Operation Date
PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAS:					
6	Energon Pvt Ltd	Tagguparthi , Anantapuram	Ananthapur	6.00	20.08.2014
7	M/s ITC Ltd	Tagguparthi(V), Ananthapur Dist	Ananthapur	46.00	25.07.2014
8	M/s Blyath Wind Park Pvt Ltd	Kalyana Durgam	Ananthapur	25.00	29.09.2014
9	Tirumala Cotton & Agro Ltd	Anantapuram	Ananthapur	2.10	31.03.2015
10	Viswateja Spinning Mills Pvt Ltd	Talaricheruvu in Anantapuram	Ananthapur	2.00	20.02.2016
11	Idupalapadu Cotton Mills Pvt Ltd	Talaricheruvu in Anantapuram	Ananthapur	4.00	20.02.2016
12	Ramabadra Industries Pvt Ltd	Talaricheruvu in Anantapuram	Ananthapur	2.00	20.02.2016
13	Srinivasa Cotton and oil Mills Pvt Ltd	Talaricheruvu in Anantapuram	Ananthapur	2.00	20.02.2016
14	Rama Badra Ltd	Belguppa in Anantapuram	Ananthapur	2.10	10.03.2017
15	Sri Dhanalakshmi Cotton & Rice Mills	Vajrakarur in Anantapuram	Ananthapur	6.30	26.03.2016
16	Heritage Foods Ltd	Vajrakarur in Anantapuram	Ananthapur	2.10	27.03.2016
17	Kalpataruvu Spinning Mills Ltd	Vajrakarur in Anantapuram	Ananthapur	2.10	30.03.2016
18	Jyothirmaya Textiles Pvt Ltd	Valasala in Kurnool	Kurnool	6.00	04.08.2016
19	Ranganayaka Spinning Mills	Valasala in Kurnool	Kurnool	2.00	04.08.2016
20	Vasundara Cotton Mills	Valasala in Kurnool	Kurnool	2.00	04.08.2016
21	Heritage Foods Ltd	Vajrakarur in Anantapuram	Ananthapur	2.10	20.09.2016
				162.7	MW
PROJECTS SELLING ENERGY TO APDISCOMs UNDER REC Mechanism AGREEMENTS:					
Sl. No.	Name of the Plant	Location		Installed Capacity (MW)	Commercial Operation Date
1	Taddas Wind Energy Limited (Phase-I)	Penukond (M) Anantapur Dist.	Ananthapur	12.80	17.07.2012
2	Taddas Wind Energy Limited (Phase-II)	Nallakonda site, Penukond (M)	Ananthapur	3.20	09.07.2012
3	Taddas Wind Energy Limited (Phase-III)	Penukond (M) Anantapur Dist.	Ananthapur	6.40	17.07.2012
4	Taddas Wind Energy Limited (Phase-IV)	Penukond (M) Anantapur Dist.	Ananthapur	9.60	15.07.2012
5	Taddas Wind Energy Limited (Phase-V)	Nallakonda site, Penukond (M)	Ananthapur	8.00	07.07.2012
6	Taddas Wind Energy Limited (Phase-VI)	Penukond (M) Anantapur Dist.	Ananthapur	8.00	07.07.2012
7	Taddas Wind Energy Limited (Phase-VII)	Nallakonda site, Penukond (M)	Ananthapur	2.40	29.11.2012
8	Vish Wind Infrastructure LLP (Phase-I)	Nallakonda site, Penukond (M)	Ananthapur	12.80	15.07.2012
9	Vish Wind Infrastructure LLP (Phase-II)	Nallakonda site, Penukond (M)	Ananthapur	6.40	09.07.2012
10	Vish Wind Infrastructure LLP (Phase-III)	Nallakonda site, Penukond (M)	Ananthapur	1.60	09.07.2012
11	Protectron Electromech Private Limited	Penukond (M) Anantapur Dist.	Ananthapur	0.80	28.07.2012
12	M/s.Oil country tublar ltd	Nallakonda site, Penukond (M)	Ananthapur	0.80	29.09.2012
13	(M/s.Sukaso Ceracolors Private Limited)	Penukond (M) Anantapur Dist.	Ananthapur	1.60	09.10.2012
14	M/s.NALCO(National Alumimium Company Limited)	Gandikota YSR Kadapa	YSR Kadapa	50.40	31.12.2012
		Total		124.8	MW
		GRAND TOTAL		4019.09	MW

6.4 (c) Commissioning Dates of Generating Units in Private Sector

Sl. No.	Name of the Plant	Location	District	Connected Capacity (in KW)	Commercial Operation Date
1	M/s Gautami Solvent Oils	Pydiparru, Tanuku	WG	2750	31.3.1996
2	M/s Jocil Ltd.	Dokiparru (V), Medikondur (M)	Guntur	6000	26.3.2001
3	M/s Vijaya Agro Products Ltd.,	Enikepadu, Vijayawada	Krishna	4000	05.01.2002
4	M/s Sri Kalyani Agro Products & Industries Ltd.	Prathipadu Village, Pentapadu (M)	West Godavari	4000	19.12.2002
5	M/s Shree Papers Ltd., Hyderabad.	Peddapuram(M)	East Godavari	4000	10.3.2003
6	M/s Balaji Agro Oils Ltd.	Davuluru (V), Kankipadu (M)	Krishna	4500	2.06.2003
7	M/s Sudha Agro & Chemical Industries Ltd.	Samalkot	East Godavari	4000	27.12.2000
8	M/s Vamshi Industries Ltd.	Vemulapally	East Godavari	4000	20.4.2001
9	M/s Matrix Power Pvt. Ltd.	Karampudi Village & Mandal	Guntur	4500	15.8.2001
10	M/s SLS Power Pvt. Ltd.	Nellore Village& Mandal	Nellore	6000	23.8.2001
11	M/s Satyakala Power Projects Pvt. Ltd., Hyderabad.	Penamaluru Mandal	Krishna	4000	9.11.2001
12	M/s Varam Power Projects (P) Ltd.	Etcherla(M)	Srikakulam	6000	12.12.01
13	M/s KMS Power Pvt. Ltd.	Sattenapalli (M)	Guntur	6000	22.7.2002
14	M/s Rithwik Energy Systems Ltd.	Srikalahasti Mandal	Chittoor	6000	18.9.2002
15	M/s Suchand Power Generation Pvt. Ltd.,	Nandyal(M)	Kurnool	6000	28.11.2002
16	M/s Veeraiah Non-Conventional Power Projects Pvt. Ltd.,	Pamaru Mandal	Krishna	4000	26.10.2002
17	M/s Perpetual energy Systems Ltd	Appayyapet (V), Seethanagaram(M)	Vizianagaram	6000	23.3.2003
18	M/s Agri Gold Projects Ltd.	Dupadu Village, Tripurantakam (M)	Prakasam	6000	7.7.2003
19	M/s.B.Seenaiah & Co. (Projects) Ltd.	Suryapalem (V), Podalakuru (M)	Nellore	6000	22.10.2003
20	M/s Sathya Maharshi Power Corporation Ltd.,	Amaravathi	Guntur	6000	13.7.2004
21	M/s Jyothi Bio Energy Pvt. Ltd.(2 nd Project)	Gundlapalli (V), Maddipadu (M)	Prakasam	6000	25.11.2003
22	M/s Clarion Power Corpn. Ltd.,	Tanguturu (V) & (M)	Prakasam	12000	21.02.2004
23	M/S. Om Shakthi Renergies Limited.	Pannuru (V), Vijayapuram (M),	Chittoor	6000	24.1.2004
24	M/s Velagapudi Power Generation Pvt. Ltd.,	Doppalapudi (V), Ponnur (M)	Guntur	4000	13.12.2006
25	M/s Singaraya Hills Green Power Ltd	Hasnapur(v) Tripurantakam(M)	Prakasam	8000	13.07.2008
26	M/s Jyothi Bio Energy Pvt. Ltd.	Gundlapalli(V), Maddipadu(M)	Prakasam	4500	17.11.2000
27	M/s Sree Rayalaseema Green Energy Pvt. Ltd.	Pandipadu(V), Kallur(M)	Kurnool	5500	07.02.2001
28	M/s Roshini Powertech Pvt Ltd.	Ayyanki (V), Pamaru (M)	Krishna	6000	30.08.2001
29	Greenco Energies Pvt Ltd	Chennur	Kadapa	6000	14.04.2004
30	HCL Agro Power Ltd	Vedadri(V)	Krishna	6000	24.10.2000
31	Vishnu Vidyut India Ltd	Narasingaballi	Visakhapatnam	7500	11.01.2003

		Total Bio mass Projects		171.25	
Biomass Co Generation Power Projects (Non-Bagasse)					
32	Lalitha Enterprises	East Godavari dist	East Godavari	0.5	15.8.2003
33	Sri Murali Mohana Para Boiled Rice Mill	East Godavari dist	East Godavari	0.65	26/8/2003
34	Sri Ramadas Paper Boards (P) Ltd	East Godavari dist	East Godavari	4	27/6/2006
35	Surya Chandra Paper Mills Ltd	East Godavari dist	East Godavari	3	27/11/2007
36	Sri Satyanarayana Raw & Boiled Rice (P) Ltd	West Godavari dist	West Godavari	0.75	31/3/2008
37	Delta Paper Mills Ltd	West Godavari dist	West Godavari	9.9	1/12/2007
38	Sree Godavari Kraft Paper (p) ltd	West Godavari dist	West Godavari	3	15/11/2008
39	Sri Gowthami Rice Industries Ltd	East Godavari dist	East Godavari	0.75	25/3/2009
40	Sirius Overseas Pvt. Ltd	East Godavari dist	East Godavari	9	4/1/2009
41	Seven Hills Papers (P) Ltd	East Godavari dist	East Godavari	1.2	25/2/2009
42	Sri Lalitha Enterprises Industries Ltd (Unit II	East Godavari dist	East Godavari	4.7	25/2/2009
43	Pallavi Enterprises, D.No.6-22, Enikepadu, Vijayawada, Rural, Krishna Dist	Enikepadu, Vijayawada, Rural	Krishna	2.5	10/2/2010
44	MGR Rice Industries, Polamuru, 533 342, Anaparthi Mandal, East Godavari dist	Polamuru	East Godavari	0.89	1/7/2013
45	Adilaxmi Industries, Vetapalem. Rly.Station, East Godavari dist	Vetapalem	East Godavari	0.41	1/4/2014
46	Naga Hanuman Solvent Oils Pvt Ltd, D.No. 7B-15 -45, Maruthinagar, Vippuvari Veedhi, Eastern Street, Eluru, West Godavari dist	Gundugolanu	West Godavari	1.2	1/12/2013
47	Nava Bharat Agro Products Limited, 8-2- 235, Road No.3, Banjara Hills, Hyderabad	Uppalameta	West Godavari	0.95	12/9/2014
48	M/s Ananda Enterprises (India) Pvt Ltd, 27-8- 21/3, Shivarao pet, Bheemavaram, West Godavari dist	Kothapusalamarru	West Godavari	2	1/4/2014
49	M/s Shree Gowthamee Rice Industries (P) Limited, Chelluru, Rayavaram Mandal, East Godavari dist	Cehlluru	East Godavari	0.58	1/2/2014
50	M/s Aroma Biotech Pvt Ltd, St. No. 237/1, Avapadu village, Nallajerla Mandal, West Godavari dist	Avapadu	West Godavari	2.2	12/5/2012
51	M/s. Vijaynagar Bio- Tech Ltd	Kotha Koperla (V), Pusapatiregu (M)	Vizianagara m	1.2	20/2/2013
52	M/s. Nava Bharat Agro Products Ltd, 8-2-235, Road No.3, Banjara Hills, Hyderabad	Uppalametta (V), Jangareddygudem (M)	West Godavari	1	15/3/2015
53	M/s Veda Bio Fuel Pvt Ltd	Nadipalli(V) Pusapatirega(M)	Vizianagaram(Dt)	3	15/3/2016
54	M/S Shree Gowtami Rice Industries (P) Ltd	Chelluru(V) Rayavaram (M)	East Godavari(Dt)	0.88	1/6/2016
55	M/S Balaji Boiled & Raw Rice mill	Ramavaram (V) Jaggampet	East Godavari(Dt)	0.89	1/6/2016
56	M/s NavaBharat Ltd	Uppalametta (V), Jangareddygudem (M)	West Godavari	6	01.07.2017
57	M/s Sindhura Paper Pvt Ltd	Marampalli(V), Dwaraka Tirumala	West Godavari	3	01.07.2017
Total Biomass Co Generation Power Projects (Non-Bagasse)				64.15	

6.4 (c) Commissioning Dates of Generating Units in Private Sector

Sl. No.	Name of the Company	Location (District)	District	Connected Capacity (in MW)	Date of Commissioning
Bagasse Co-generation (Under Power Purchase Agreement)					
1	M/s Sagar Sugar & Allied Products Ltd.	Nilavoy (V) Srirangarajapuram Dist. APSDCL	Chittoor	20	13.01.2003
2	M/s. KCP Sugar & Industries Corporation Ltd.	Vuyyuru (V&M), Krishna Dist. APSDCL	Krishna	12	26.12.2005
3	M/s KCP Sugars & Industries Ltd.,	Lakshimpuram (V), Challapalli (M), Krishna Dist., APSDCL	Krishna	5	17.01.2006
4	M/s Empee Power Projects Ltd	Nellore District	Nellore	20	12.03.2010
5	M/s GMR Technologies & Industries Ltd.	Sankili (V), R. Amadalavalasa (M) Srikakulam Dist. APEPDCL	Srikakulam	16	15.8.2001
6	M/s The Etikoppaka Co-operative Agricultural and Industrial Society Limited.	Daralapudi (V), S. Rayavaram (M), Visakhapatnam Dt. APEPDCL	Visakhapatnam	1.5	1.3.2001
7	M/s. The Chodavaram Co-operative Sugars Ltd.,	Govada (V), Chodavaram (M), Visakhapatnam Dt. APEPDCL	Visakhapatnam	7	6.04.2003
8	M/s. KBD Sugars (Formerly Shree Vaani Sugars & Industries) Limited	Mudipapanapalli (V) Punganur (M), Chittoor Dist. APSDCL	Chittoor	6	08.08.2003
9	M/s The Jeypore Sugar Company Ltd.	Chagallu (V) & (M), West Godavari Dist. APEPDCL	West Godavari	12	11.12.2003
10	M/s Nava Bharat Ferro Alloys Ltd. (Deccan Sugars)	Samalkot, East Godavari Dt., APEPDCL	East Godavari	9	2 MW-7.2.99 7 MW- 03.11.00
Bagasse Co-generation (Under PWPAs)					
10	M/s Sudalagunta Sugars Ltd.	Mayuranagar (V) B.N. Kandriga Mandal Chittoor Dist. APSDCL	Chittoor	5	09.06.1999
11	M/s The Andhra Sugars Ltd., Venkatarayapura, Tanuku, West Godavari Dist.	Sugar Unit-II, Tadwai, West Godavari Dist., APEPDCL	West Godavari	7	21.01.1999
Bagasse Co-generation (Under Open Access and Captive)					
12	M/s Sri Sarvaraya Sugars Limited	M/s Sri Sarvaraya Sugars Ltd., Chelluru, Rayavaram MD, East Godavari dist.	East Godavari	12.65	25.12.2008
13	M/s NCS Sugars Ltd	Lachayyapeta, Bobbili in Vizianagaram Dist	Vizianagaram	20	15.06.2007
14	Saritha Sugars Ltd, Prabhagiriapatnam (V) Podalkur (M) Nellore Dist	Prabhagiriapatnam (v) Podalkur (M) Nellore dist.	Nellore	6	00.04.2001
15	Krishnaveni Sugars Ltd, D.No. 3-5-821, Doshi Square, Hyderabad	Ramakrishnapuram, West Godavari	West Godavari	28	19.10.2003
16	Jeypore Sugars Company Ltd (Unit II), Pothavaram, West Godavari dist. 534 176,	Pothavaram (V&M) West Godavari	West Godavari	16.8	19.10.2003
Total Bagasse				203.95	MW
Industrial Waste Based					
1	M/s Vensa Biotek Ltd.	Samalkot	East Godavari	5000	20.11.2003
2	M/s Sai Renewable Power Pvt. Ltd.	Kamavarapukota	East Godavari	4500	08.04.2004
3	M/s Foods, Fats & fertilizers Ltd.	Tadepalligudem	West Godavari	6000	04.05.2006
4	M/s Rao's Power Pvt Ltd	Dupalapadu (V)	East Godavari	3660	27.02.2009
5	M/S Ruchi Soya Industries	Peddapuram	East Godavari	500	30.08.1999
6	M/S Devi Corn Products	Biccavolu	East Godavari	1500	01.03.2004
7	M/s Sarvaraya Sugars Ltd.	Chelluru	East Godavari	1000	25.06.2006
8	M/s Jeypore Sugar & Industries Corp Ltd	Chagallu (V & M)	East Godavari	1000	27.06.2007
9	M/s Kep Sugars Ltd	Vuyyur (V&M)	Krishna	1000	07.02.2006
10	M/s Tern Distilleries	Tallapalem	Visakhapatnam	750	07.12.2006
11	M/s Godrej Oil Palm	Ch Pothepally	East Godavari	1600	01.12.2010
12	M/s Redan Infrastructure Pvt Ltd	Kallupalli (V)	Chittoor DT	7500	4/6/2015
Industrial Waste Based (Total) in MW				34.01	MW
Municipal Waste Based (Under PPAs)					
1	M/s Shriram Energy Systems Ltd.	Vijayawada	Krishna	6000	14.12.2003
2	Vijayawada Municipal corporation	Vijayawada	Krishna	150	11.11.2004
Municipal Waste Total in MW				6.15	

6.4 (c) Commissioning Dates of Generating Units in Private Sector

Sl. No.	Name of the Company	Location (District)	District	Connected Capacity (in MW)	Date of Commissioning
	Solar Based			Connected Capacity (in MW)	
1	B.G. Channappa, Class-I, K.P.W.D Contractor	Manepalli	Ananthapur	4	22.04.2013
2	M/s Value Labs LLP	Maddimaduggu	Ananthapur	5	24.04.2013
3	M/s Emmvee Energy Pvt. Ltd	Manepalli	Ananthapur	10	04.05.2013
4	M/s KCP Ltd.	Muktyala	Krishna	1.15	06.06.2016
5	Sri city power	Chervi	chittoor	3	29.10.2013
6	M/s Ravali spinners	Tanuku	West Godavari	1	05.01.2014
7	M/s Trimax Sands Pvt. Ltd.	Vatsavalasa	Srikakulam	1	26.03.2014
8	M/s Solarays Eco energy inc	Beechiganipalli	Ananthapur	2	29.04.2014
9	Meda Sreedhar	Beechiganipalli	Ananthapur	2	29.04.2014
10	M/s Prakasha Motors	Beechiganipalli	Ananthapur	1	29.04.2014
11	M/s Prakasha Agencies	Beechiganipalli	Ananthapur	1	29.04.2014
12	M/s Emmvee Energy Pvt. Ltd	Beechiganipalli	Ananthapur	4	29.04.2014
13	M/s Andhra Sugars	Kovvuru	West Godavari	2.5	21.06.2014
14	M/s Indira Power Pvt Ltd	Karur(V),Tada(M)	Nellore	0.7	28.06.2014
15	M/s Savita Renewable Energy Pvt Ltd	Kamepalli	Guntur	1	19.01.2015
16	M/s Arkha Solar Power Pvt Ltd	Elakolanu	East Godavari	1	-01.2015
17	M/s Amaravathi Textiles Pvt Ltd	Atmakur	Nellore	5	31.03.2015
18	M/s Lakshmi Venkateswara Green Energy Pvt Ltd.	Morasapudi, Nuziveedu(M)	Krishna	1	30.06.2014
19	M/s Abhedya Power Pvt Ltd.	Ubicherla	Ananthapur	2	08.08.2014
20	M/s Sri Vijaya Visakha Milk Producers	Malicherla (V)	Vizianagaram	1.65	11/27/2015
21	M/s Pragathi Group., Chintalapudi (M)	Kanupade (V), urlagudem	W.G.Dist.	2	12/31/2015
22	Varshini Exim Pvt Ltd, Tirupati	Nagirimadugu, Vayalapudu Mandal	chittoor	2.4	30.04.2015
23	Emmvee Energy Pvt Ltd Bangalore	Gowriganiipalli, Lepakshi Mandal	Ananthapur	5.4	17.07.2015
24	Vuddanda Solar Projects(P) Ltd	Chintamakulapalli(V), Sodum(M)	chittoor	3	01.10.2015
25	M/s Sai Achyut Energy Pv Ltd	Jagdurthy (V), Dhone(M)	Kurnool	5	18.10.2015
26	M.s Rajatata Energy Holdings Pvt Ltd	Maddimaduggu, Nallacheruvu(M), Kadiri Town	Ananthapur	5	22.11.2015
27	Amaravathi Textiles Pvt Ltd	Nellorepalem(V), Atmakur(M)	Nellore	5	28.11.2015
28	M/s GRT Jewellers (India) Pvt Ltd	Jammalabanda, Ananthpuram	Ananthapur	6	05.01.2016
29	M/s Bright Solar Energy Pvt Ltd	Jammalabanda, Ananthpuram	Ananthapur	10	05.01.2016
30	M/s Palnadu Solar Power Pvt Ltd	Inimella (V), Ipur(M)	Guntur	2.75	29.01.2016
31	M/s Palnadu Solar Power Pvt Ltd	Inimella (V), Ipur(M)	Guntur	2.25	31.03.2016
32	M/s Renew Solar Power Pvt Ltd	Adoni	Kurnool	39	04.03.2016
33	M/s Renew Solar Power Pvt Ltd	Tarupadu (V&M)	Prakasam	21	08.03.2016
34	M/s Welpsun Renewable Energy Pvt	Balapur, Kadapa Dist	Kadapa	30	20.03.2016
35	M/s Ushodaya Enterprises Pvt Ltd	Vemulapadu & Titralapalle(V),Yadiki(M),	Ananthapur	5	23.03.2016
36	M/s Azure Power India Pvt Ltd	Vemulapadu & Titralapalle(V),Yadiki(M),	Ananthapur	50	28.03.2016
37	M/s Aarohi Solar (Acme Clean Tech Solutions) Ltd	Hindupur	Ananthapur	50	30.03.2016
38	M/s Welpsun Renewable Energy Pvt	Banaganapalli	Kurnool	70	30.03.2016
39	M/s EAAMA Estates Pvt Ltd	GR Valasa	Vizianagaram	3	30.03.2016
40	M/s New Era Enviro Venures (Mehbubnagar) Pvt Ltd	Bandapalli(V), Ramapuram(M)	Kadapa	10	30.03.2016
41	First Solar Power India Pvt Ltd(Hindupur Solar Park Pvt. Ltd)	Beechiganipalli and Seagipalle(V), Parigi(M)	Ananthapur	40	31.03.2016
42	Acme Clean Tech (M/s Dayanidhi Solar Power Pvt Ltd)	Morasapudi, & Gunjarlapalli (V), Kuppan(M)	chittoor	40	31.03.2016
43	Acme Clean Tech (M/s Vishwatma Solar Power Pvt Ltd)	Kadivella (V), Yemmiganur(M)	Kurnool	10	31.03.2016
44	Acme Clean Tech (M/s Niranjana Solar Power Pvt Ltd)	PUCHAKAYALA Mada(V), Pathikonda (M)	Kurnool	20	31.03.2016
45	ACME Clean Tech (M/s.Vishwatma Solar Energy Pvt.Ltd)	Kadivella Village Yemmiganur Mandal	Kurnool	20	15/4/2016
46	First Solar Power India Pvt Ltd	Punganur	Chittoor	20	9/5/2016
47	ACME Clean Tech (M/s.Jaisalmer Solar power Pvt.Ltd)	Rohukurupalli (V) Rayachoti,Ramapuram(M)	Cuddapah	20	12/5/2016
48	Waneep Solar Pvt Ltd	Marrimakulapalli(V) Guramkonda(M)	Chittoor	25	19/5/2016
49	First Solar Power India Pvt Ltd	Punganur	Chittoor	20	28/6/2016
50	Sumeru Energy Pvt Ltd	Jagadurthy(V) Dhone(M)	Kurnool	1	23/6/2016
51	SSR Agro Energy	Gajulapellore(V) BN Kandrikg (M)	Chittoor	1	9/4/2016
52	M/S Varshini Exim Pvt Ltd	Nagari Madugu-SS(V) Voyalpadu(M)	Chittoor	1	4/8/2016
53	Visakhapatnam Port Trust	Visakhapatnam	Visakhapatnam	6.25	18/8/2016
54	Sri Jaya Jyothi Cements Pvt Ltd	Yanakanda (V) Banaganapalli(M)	Kurnool	1	24/8/2016
55	M/S SPROUTS Solar Energy Pvt Ltd	Pamulapadu	Kurnool	2	8/9/2016
56	M/S Ushodaya Enterprises	Tadimarri (V) & (M)	Ananthapur	5	22/9/2016

6.4 (c) Commissioning Dates of Generating Units in Private Sector

Sl. No.	Name of the Company	Location (District)	District	Connected Capacity (in MW)	Date of Commissioning
57	Sumeru Energy Pvt Ltd	Jagadurthy(V) Dhone(M)	Kurnool	4	22/9/2016
58	M/S VBC Renewable Energy Pvt Ltd	Garividi	Vizianagaram(Dt)	3	22/7/2016
59	M/S Narasimha Swamy Solar Generations Pvt Ltd	Peravali Singanamala (M)	Ananthapur	5	26/9/2016
60	M/S Yashwanth Solar Energy Pvt Ltd	Kothapalli Mudunuru (M)	Kadapa	1	1/10/2016
61	Repal Renewables Pvt Ltd	Thanakallu (V&M)	Ananthapur	4.9	19/11/2016
62	Sri Varahalakshmi Narasimha Swamy Devasthanam	Simhachalam	Visakhapatnam	1	3/2/2017
63	Tirumala Tirupati Devasthanams	Kasavaripalli (V) Thamballapalle (M)	Chittoor	3	2/2/2017
64	Kanti Brothers oils Pvt Limited	Kurnool	Kurnool	3	11/2/2017
65	Sri Chakra cements Projects Co Private Limited	Perindesam (V) KVB Puram (M)	Chittoor	2	9/2/2017
66	IFMR	Sri Kalahasti, Chittoor District	Chittoor	0.5	10/3/2017
67	SVR Corporation Pvt Ltd	Jillelamanda(V), KV Palli(M), Chittoor	Chittoor	2	15/3/2017
68	Nateems Green Energy Pvt Ltd	Thimmapuram SS, Kadiridevarapalli(V) , Kambadar (M), Ananthapuram	Ananthapur	9.9	24/3/2017
69	GSL Educational Society	Mallampdui(V) & Tokanda (V) , Rajamandry, East Godavari District	East Godavari	1.5	31/3/2017
70	Cyber Village Solutions (P) Ltd	Yeleswaram (V&M)	East Godavari	2	31/3/2017
71	Repal Rnewables Pvt Ltd	Thanakallu (V&M)	Ananthapur	5.1	31/3/2017
72	Nateems Green Energy Pvt Ltd	Garividi	Vizianagaram(Dt)	10	31/3/2017
73	Repla Renewables Pvt Ltd	Komitikuntla	Ananthapur	10	31/3/2017
74	B.G.Channappa, Class-I, K.P.W.D. Contractor	Gowriganiipalli	Ananthapur	2	31/3/2017
75	Vyshaka Solar Energy System Pvt Ltd	Nuthanakaluva SS, MV Palli(V), KV Palli (M), Chittoor District	Chittoor	2	31/3/2017
76	M/s Aurobind Pharma Ltd	Pydibhimavaram	Srikakulam	30	21.05.2017
77	M/s SEI Arishi	Kadiri	Ananthapur	30	28.10.2017
78	M/s SEI Green Flash	Adurupalli	Nellore	30	27.10.2017
79	M/s Rain Coke Project	Kunuthur, Dharmavaram(M)	Kurnool	22	07.11.2017
80	M/s Sri Chakra Cements Pvt Ltd	Perindesam (V) KVB Puram (M)	Chittoor	3	09.03.2018
				795.95	
Solar Based (GOI)					
76	M/s Sri City Power Ltd.	Varadaya Palem	Chittoor	2	18.03.2012
77	M/s Sri Power Generation India Pvt Ltd	Kotagallu, Kadiri(M)	Ananthapur	1	14.01.2012
78	M/s Sai Sudheer Energy Ltd.	T. Verapuram (V), Rayadurga(M)	Ananthapur	5	05.01.2012
79	M/s.Welspon Ltd	Pulivendula (V)	Kadapa	5	31.12.2011
80	M/s Amrit Jai Ventures Pvt. Ltd	Kotagallu, Kadiri(M)	Ananthapur	1	07.03.2012
81	M/s APIIC Limited.	Indusrial Park, Gooty	Ananthapur	1	15.03.2012
82	M/s Gajanan Financial Services Pvt. Ltd	Laddagiri (V)	Kurnool	1	14.03.2012
83	M/s Kishore Electro Infra Pvt. Ltd.	Perecherla (V) Guntur Rural	Guntur	1	13.03.2012
84	M/s Rithwick Projects Pvt. Ltd,	Kotagallu, Kadiri(M)	Ananthapur	2	25-04-2012
85	M/s Sai Sudheer Energy Ltd.	Kalyandurg	Ananthapur	20	26-4-2013
86	M/s Rithwick Projects Pvt. Ltd,	Kotagallu, Kadiri(M)	Ananthapur	3	5/7/2013
87	M/s MEIL Green Power	Nagalapuram	Ananthapur	50	04.11.2014
88	M/s New & Renewable Energy Development Corp of AP Ltd (NREDCAP)	Gollavanitippa, Bhimavaram Rural (M)	West Godavari	0.39	30/03/2016
89	NTPC	NP Kunta	Ananthapur	200	15/4/16
90	NTPC	NP Kunta	Ananthapur	50	29/7/16
91	M/S New & Renewable energy development Corp of AP Ltd	Gollavanitippa Bhimavaram Rural(M)	West Godavari	0.608	7/7/16
92	APGENCO	Polavaram right canal,Gollagudem(V),Unguturu(M)	West Godavari	5.426	19/11/16
93	SBG Cleantech ProjectCo Pvt Ltd	Kurnool ultra mega solar park	Kurnool	182	27/2/17
94	SSR Agro Energy	Kandriga, Chittoor District	Chittoor	1	15/3/17
95	SBG Cleantech ProjectCo Pvt Ltd	Kurnool ultra mega solar park	Kurnool	68	22/3/17
96	SBG Cleantech ProjectCo Pvt Ltd	Kurnool ultra mega solar park	Kurnool	100	29/3/17
97	Greenko Energy Group (sunEdison Projects)	Kurnool ultra mega solar park	Kurnool	500	31/3/17
98	M/s Azure Power India Pvt Ltd	Kurnool ultra mega solar park,Ghani	Kurnool	50	20.04.2017
99	M/s Azure Power India Pvt Ltd	Kurnool ultra mega solar park,Ghani	Kurnool	50	26.05.2017
100	M/s Prayatna Developers Private Ltd	Kurnool Ultra Mega Solar Park	Kurnool	30	28.06.2017
101	M/s Prayatna Developers Private Ltd	Kurnool Ultra Mega Solar Park	Kurnool	20	15.07.2017
				1343.998	
			Solar (Total) in MW	2139.948	
Mini Power Plants					
1	Sri Vatsa Power Projects Ltd.,	Sivakodu (V), Razol (M)	East Godavari	17.2	01.05.2002
			Mini Power Plants (Total) in MW	17.20	
State Installed Capacity Grand Total in MW				18045.30	

6.5 STATION WISE GENERATION - THERMAL (1971-72 TO 2014-15)

M U

S.No.	Year	Hussain Sagar	Rama-gundam 'A'	Rama-gundam 'B'	Kotha-gudem 'A'	Kotha-gudem 'B'	Kotha-gudem 'C'	Kotha-gudem 'V' & VI	Nellore	Vijayawada	R.T.P.P RIPP	G.T.S Erragadda	Kakaitya	Krishnapatnam	Total
1.	1971-72	5.64	166.16	28.92	1410.99	--	--	--	208.69	--	--	3.88			1824.28
2.	1972-73	23.01	112.74	168.71	1492.94	--	--	--	232.88	--	--	23.28			2053.56
3.	1973-74	44.58	90.67	399.54	1460.52	--	--	--	196.75	--	--	4.04			2196.10
4.	1974-75	68.75	106.39	468.63	1605.60	217.54	--	--	241.12	--	--	1.12			2709.15
5.	1975-76	63.34	141.00	283.43	1216.60	863.06	--	--	159.91	--	--	1.57			2728.91
6.	1976-77	64.25	127.89	496.51	1377.04	884.17	--	--	194.19	--	--	0.82			3144.87
7.	1977-78	55.88	121.24	508.37	1254.89	533.39	488.41	--	183.45	--	--	--			3145.63
8.	1978-79	30.80	75.35	458.52	949.73	431.04	748.75	--	181.10	--	--	--			2875.29
9.	1979-80	32.91	92.68	407.86	1027.38	501.05	935.31	--	75.56	194.80	--	--			3267.55
10.	1980-81	18.49	66.07	366.82	1022.99	420.57	548.14	--	21.20	1131.61	--	--			3595.89
11.	1981-82	10.64	59.34	333.60	981.36	502.48	513.74	--	--	2691.78	--	--			5092.94
12.	1982-83	11.50	47.79	425.10	1048.41	519.21	522.56	--	76.18	2911.65	--	--			5562.40
13.	1983-84	1.07	11.61	399.44	1227.45	468.80	549.14	--	145.79	3106.03	--	--			5909.33
14.	1984-85		5.92	274.50	1237.51	617.34	735.31	--	117.40	2847.21	--	--			5835.19
15.	1985-86			493.07	1134.90	694.59	1060.23	--	119.17	3269.81	--	--			6771.77
16.	1986-87			435.83	1244.54	858.33	1250.46	--	167.17	3325.64	--	--			7281.97
17.	1987-88			390.58	1443.63	1212.89	1353.27	--	173.28	3411.69	--	--			7985.34
18.	1988-89			389.83	1315.86	1201.75	1087.84	--	165.05	3103.04	--	--			7263.37
19.	1989-90			250.85	1386.88	1023.41	1043.42	--	141.80	3375.41	--	--			7221.77
20.	1990-91			399.80	1095.59	917.11	928.69	--	61.88	4698.55	--	--			8101.62
21.	1991-92			309.53	1108.18	1049.45	823.77	--	120.73	5314.51	--	--			8726.17
22.	1992-93			220.60	1254.82	913.27	964.18	--	102.66	5658.65	--	--			9114.18
23.	1993-94			360.62	1327.03	1074.89	857.50	--	109.99	5909.39	--	--			9639.42
24.	1994-95			353.62	1207.41	1075.12	774.86	--	91.11	7318.08	22.14	--			10842.34
25.	1995-96			374.38	1218.33	1117.98	1077.57	--	129.34	9857.75	1327.51	--			15102.86
26.	1996-97			378.06	1395.43	1177.94	946.71	0.12	110.64	10274.31	2436.55	--			16719.76
27.	1997-98			400.19	1222.22	1220.28	1194.56	1526.31	116.22	10357.13	2982.58	--			19019.49
28.	1998-99			380.37	1168.44	572.22	1035.32	3387.17	97.12	9827.93	3365.05	--			19833.62
29.	1999-00			428.70	1615.57	1062.15	1209.43	3933.42	127.94	9621.54	3500.35	--			21499.10
30.	2000-01			443.70	1697.55	795.15	1370.57	3784.36	169.33	10198.21	3475.38	--			21934.25
31.	2001-02			425.40	1753.26	1064.37	1354.51	3862.49	156.09	10228.07	3400.81	--			22245.00
32.	2002-03			388.67	1844.07	1461.62	1339.29	4080.53	145.90	10283.63	3488.82	--			23032.54
33.	2003-04			471.28	1727.86	1867.32	630.77	4038.37	153.94	10164.27	3401.58	--			22455.39
34.	2004-05			444.21		4888.63		3763.06	130.42	8900.86	3017.89	--			21145.07
35.	2005-06			356.18	1457.65	1441.10	1402.38	3143.29	5.60	8801.48	2110.65	--			18718.33
36.	2006-07			298.21	1576.54	1446.97	1347.83	3334.13		9030.31	2960.08	--			19994.07
36.	2007-08			459.24	1625.67	1392.00	1593.58	3590.24		8848.98	3941.86				21451.57
37.	2008-09			428.53	1504.29	1255.70	1314.19	3282.20		9392.28	6117.28				23294.47
39.	2009-10			467.33	1618.90	1524.25	1349.10	3623.87		9741.33	5776.38				24101.16
40.	2010-11			428.05	1597.57	1504.80	1503.17	3080.44		11405.06	5636.61		1689.92		26845.62
41.	2011-12			413.75	1619.58	1489.94	1424.85	5357.90		12996.82	7323.62		2266.66		32893.12
42.	2012-13			393.63	1471.69	1309.68	1340.74	7242.50		12267.36	6959.03		3744.91		34729.54
43.	2013-14			401.94	1379.94	1348.45	1075.80	6475.51		11742.64	6346.40		2935.32		31706.00
44.	2014-15 (Apr to Mar)			65.41	249.15	238.69	158.13	1150.51		2022.18	1124.74		655.43	38.42	5702.66
	2014-15 (Jun to Mar)			**	**	**	**	**		9553.27	5294.22	**	**	1380.99	16228.48

(*) Net Generation from 2004-05 as per EBC

6.5(A) GAS BASED STATION (VIJESWARAM) GENERATION MU (JOINT SECTOR) 1990-91 TO 2014-15							
S.No	Year	VJSM Stage - I	VJSM Stage -II Commissioned on 31-03-1997	S.No	Year	VJSM Stage - I	VJSM Stage -II Commissioned on 31-03-1997
1	1990-91	81.90	--	14	2003-04	729.24	1380.05
2	1991-92	354.73	--	15	2004-05	698.79	1209.41
3	1992-93	416.17	--	16	2005-06	600.29	1152.69
4	1993-94	524.74	--	17	2006-07	253.43	1192.04
5	1994-95	431.26	--	18	2007-08	543.50	557.93
6	1995-96	540.33	--	19	2008-09	365.13	1075.56
7	1996-97	626.67	0.04	20	2009-10	768.65	1318.66
8	1997-98	671.29	577.69	21	2010-11	397.13	1283.61
9	1998-99	527.20	1271.62	22	2011-12	234.28	1213.65
10	1999-00	709.22	1297.12	23	2012-13	31.45	1108.63
11	2000-01	663.97	1314.17	24	2013-14	131.53	884.96
12	2001-02	739.15	1212.20	25	2014-15 (Apr to May)	0.20	172.40
13	2002-03	715.03	1315.01		2014-15 (Jun to Mar)	4.99	451.71

6.5 STATION WISE GENERATION - THERMAL (2014-15 TO 2017-18)

S.No.	Year	VTPS	R.T.P.P RTPP	Krishnapatnam	TOTAL in MU *
1	2014-15(Apr to May)	2022.18	1124.74	38.42	3185.34
	2014-15(Jun to Mar)	9553.27	5294.22	1380.99	16228.48
2	2015-16	10972.67	6542.75	4529.01	22044.43
3	2016-17	10627.3	6019.93	8081.53	24728.76
4	2017-18	9849.51	6218.82	4493.64	20561.97

6.5(A) GAS BASED STATION (VIJESWARAM) GENERATION MU (JOINT SECTOR) 2014-15 TO 2017-18

S.No	Year	VJSM Stage - I	VJSM Stage -II Commissioned on 31-03-1997
1	2014-15(Apr to May)	0.20	172.40
	2014-15(Jun to Mar)	4.99	451.71
2	2015-16	0.63	681.46
3	2016-17	230.06	443.76
	2017-18	546.76	618.28

(*) Net Generation from 2004-05 as per EBC

6.6 STATION WISE GENERATION - HYDEL (1971-72 TO 2015-16)

MU

Sl. No	Year	Machkund	T.B.Dam & Hampi	Upper Sileru	Lower Sileru	Nizam Sagar	Nagarjuna-sagar(Main PH)	Nagarjuna-sagar RCPH	Srisaillam (RBHS)	Srisaillam (LBHS)	Donkarayi	Pocham-pad	Penna ahobilam	Mini Hydel 11kV &	Nagarjuna-sagar LCPH	Singuru	Jurala	Total
1	1971-72	397.45	239.66	553.72	--	30.63	--	--	--	--	--	--	--	--	--	--	--	1221.46
2	1972-73	365.68	192.97	411.69	--	4.05	--	--	--	--	--	--	--	--	--	--	--	974.39
3	1973-74	270.32	155.85	457.03	--	26.88	--	--	--	--	--	--	--	--	--	--	--	910.08
4	1974-75	176.65	101.68	221.84	--	32.44	--	--	--	--	--	--	--	--	--	--	--	532.61
5	1975-76	344.74	238.81	314.44	8.01	35.50	--	--	--	--	--	--	--	--	--	--	--	941.50
6	1976-77	435.38	115.45	417.14	688.06	24.01	--	--	--	--	--	--	--	--	--	--	--	1680.04
7	1977-78	443.47	149.87	387.45	949.81	13.08	58.28	--	--	--	--	--	--	--	--	--	--	2001.96
8	1978-79	455.52	171.14	485.39	1163.46	41.98	862.79	--	--	--	--	--	--	--	--	--	--	3180.28
9	1979-80	438.22	165.18	473.64	1089.14	29.78	869.58	--	--	--	--	--	--	--	--	--	--	3065.54
10	1980-81	370.95	187.15	401.78	1035.40	30.41	1509.41	--	--	--	--	--	--	--	--	--	--	3535.10
11	1981-82	481.04	209.36	361.91	992.56	31.57	1907.81	--	--	--	--	--	--	--	--	--	--	3984.25
12	1982-83	438.52	188.27	374.47	964.32	28.68	2239.41	1.49	448.70	--	--	--	--	--	--	--	--	4683.86
13	1983-84	453.90	170.25	421.36	1095.55	38.16	2079.04	121.20	660.67	--	52.02	--	--	--	--	--	--	5092.15
14	1984-85	577.52	196.36	488.92	1265.20	29.88	1953.91	121.57	2006.19	--	76.44	--	--	--	--	--	--	6715.99
15	1985-86	447.42	150.82	303.81	823.77	8.88	1512.57	39.97	2114.69	--	51.36	--	--	--	--	--	--	5453.29
16	1986-87	446.59	146.24	350.07	933.98	8.25	1652.00	42.27	2864.36	--	73.71	--	--	--	--	--	--	6517.47
17	1987-88	392.35	104.92	320.42	897.22	15.12	1132.62	109.54	2778.35	--	66.49	46.81	--	0.50	--	--	--	5864.34
18	1988-89	397.12	149.73	278.92	830.67	27.00	2208.64	211.61	2616.52	--	54.59	100.12	--	2.88	--	--	--	6877.80
19	1989-90	425.66	133.97	387.43	1121.38	35.49	2337.80	220.65	2958.36	--	54.97	124.68	--	2.26	--	--	--	7802.65
20	1990-91	580.34	139.18	596.86	1361.32	45.14	3197.39	246.33	3589.99	--	110.73	147.41	--	2.39	--	--	--	10017.08
21	1991-92	524.66	153.83	589.69	1481.48	21.97	3011.62	226.92	3269.13	--	130.52	103.58	--	2.23	--	--	--	9515.63
22	1992-93	484.97	169.51	516.69	1293.19	7.53	2611.47	230.58	3181.62	--	100.82	89.78	--	6.30	65.25	--	--	8757.71
23	1993-94	390.99	130.54	358.42	1031.66	2.62	3511.77	224.27	3797.89	--	37.71	42.93	0.79	7.61	95.22	--	--	9632.42
24	1994-95	351.29	133.01	493.51	1128.60	2.54	3724.91	265.21	3306.20	--	57.36	69.02	11.81	9.41	134.35	--	--	9687.22
25	1995-96	427.82	101.90	618.08	1457.10	14.73	1083.99	49.04	2666.50	--	109.14	100.69	13.89	9.79	9.08	--	--	6661.75
26	1996-97	495.82	120.27	460.59	1128.46	24.17	2212.06	238.29	2960.55	--	71.21	102.32	19.01	11.45	125.81	--	--	7970.01
27	1997-98	299.51	112.34	354.12	862.63	5.09	2277.63	197.78	2955.00	--	56.35	14.89	7.47	12.00	90.32	--	--	7245.13
28	1998-99	249.35	140.25	322.03	871.92	13.36	2383.10	254.02	2616.89	--	72.76	137.95	10.79	11.12	105.70	--	--	7189.24
29	1999-00	375.75	123.32	444.38	1264.12	16.74	2397.67	202.89	2974.34	--	117.89	117.26	5.17	6.73	85.28	1.46	--	8133.00
30	2000-01	383.60	150.95	437.28	1312.67	24.33	1527.14	42.87	3036.63	--	140.60	110.64	14.67	10.94	16.96	21.40	--	7230.68
31	2001-02	448.30	116.07	447.33	1056.37	3.49	1067.22	61.02	1942.25	381.91	83.85	102.70	5.05	12.56	23.82	5.15	--	5757.09
32	2002-03	273.34	96.62	245.58	613.74	0.00	869.01	0.00	539.65	557.69	39.95	82.98	0.00	11.88	0.00	6.40	--	3336.85
33	2003-04	289.07	88.59	399.83	973.39	5.00	375.13	0.00	307.67	327.60	109.96	62.71	0.00	12.33	0.00	7.70	--	2958.98
34	2004-05	472.41	119.07	523.40	1140.58	-0.05	493.14	48.04	920.05	1406.21	130.77	2.19	-0.19	5.88	4.67	1.05	--	5267.22
35	2005-06	393.17	172.43	458.36	1013.86	--	1518.83	276.11	1461.08	2220.85	114.47	108.97	9.69	--	116.48	8.23	--	7872.53
36	2006-07	447.11	195.31	595.57	1327.47	--	1781.40	284.73	1715.06	2501.13	127.16	100.94	13.42	--	147.38	9.95	--	9246.63
37	2007-08	240.42	214.81	521.64	1253.98	--	2090.75	207.78	2150.62	2532.77	132.61	63.67	2.17	--	96.02	2.52	--	9509.76
38	2008-09	327.47	194.33	606.87	1355.81	--	1079.16	171.84	1764.25	1795.10	126.39	64.26	1.43	--	84.02	7.48	124.13	7702.54
39	2009-10	294.59	187.87	221.41	622.13	--	1183.63	114.62	1236.20	1270.92	40.57	2.90	3.41	--	30.03	3.19	239.02	5450.48
40	2010-11	290.23	155.89	414.47	1049.47	--	1264.29	278.17	1794.26	1984.31	118.53	82.82	3.80	--	133.34	23.79	124.30	7717.67
41	2011-12	234.23	187.70	414.04	1015.37	--	1109.74	153.14	1177.34	1373.04	131.52	87.80	4.97	200.51	66.86	12.80	206.50	6375.56
42	2012-13	286.91	134.89	398.58	1103.62	--	233.32	0.16	475.22	304.84	48.12	15.98	1.84	66.21	0.00	3.15	133.78	3206.62
43	2013-14	310.72	153.06	458.16	1268.49	12.95	1350.53	211.60	1477.60	1330.61	116.21	85.05	5.18	9.53	97.76	4.85	270.84	7163.14
44	2014-15 (Apr to May)	50.15	0.69	96.83	262.08	--	5.40	0.00	88.62	72.76	26.07	6.31	-0.10	11.30	0.00	1.26	0.00	621.37
	2014-15 (Jun to Mar)	245.41	173.09	417.08	1008.38	--	--	--	184.56	1031.63	110.09	--	12.66	21.83	--	--	--	3204.73
45	2015-16	297.27	97.82	508.85	1236.40	--	--	0.00	207.70	--	116.54	--	7.12	2.00	--	--	--	2473.70

6.6 STATION WISE GENERATION - HYDEL (2015-16 to 2017-18)

MU

Sl. No	Year	Machkund	T.B.Dam & Hampi	Upper Sileru	Lower Sileru	Nagarjun a sagar RCPH	Nagarjun a sagar Tail pond HES	Srisaillam (RBHS)	Donkarayi	Penna ahobilam	Mini Hydel 11kV & 33kV	Total
1	2015-16	297.27	97.82	508.85	1236.40	0.00	**	207.70	116.54	7.12	2.00	2473.70
2	2016-17	372.40	64.51	339.70	830.20	6.70	11.90	638.40	60.64	12.90	2.20	2339.55
3	2017-18	250.56	74.90	482.28	1108.39	57.06	42.22	574.20	119.62	4.31	2.28	2715.82

*As per data received from APGENCO

6.7 GENERATION, PURCHASE, IMPORT AND EXPORT OF ENERGY												
Generation (Gross), Purchases, imported and wheeled												
Year	Hydel	Thermal	Total	NTPC+MAPP + Kaiga+Neyveli	Karnataka	Tamil Nadu	Orissa	M.P / GEB/PSEB /CSEB	Maharashtra	Others \$	Total	Grand Total
1971-72	1221	1824	3045	-	266	14	-	-	-	-	280	3325
1972-73	974	2053	3027	-	103	44	-	-	-	-	147	3174
1973-74	910	2196	3106	-	67	43	395	-	-	-	505	3611
1974-75	533	2709	3242	-	81	33	518	-	-	-	632	3874
1975-76	941	2729	3670	-	47	95	332	-	-	-	474	4144
1976-77	1680	3145	4825	-	50	56	223	-	-	-	329	5154
1977-78	2002	3146	5148	-	58	99	105	-	-	-	262	5410
1978-79	3180	2876	6056	-	50	67	10	-	-	-	127	6183
1979-80	3225	3268	6493	-	48	55	1	-	-	-	104	6597
1980-81	3680	3596	7276	-	32	42	28	-	-	-	102	7378
1981-82	3984	5093	9077	-	9	10	21	-	-	-	40	9117
1982-83	4684	5562	10246	-	6	-	16	7	-	-	29	10275
1983-84	5092	5909	11001	173	1	-	-	9	-	-	183	11184
1984-85	6716	5835	12551	834	-	-	-	17	-	-	851	13402
1985-86	5453	6772	12225	2095	-	-	-	141	-	-	2236	14461
1986-87	6517	7282	13799	1979	-	-	-	240	-	-	2219	16018
1987-88	5864	7986	13850	1605	-	30	-	212	-	-	1847	15697
1988-89	6878	7263	14141	2376	1	6	-	527	-	-	2910	17051
1989-90	7802	7222	15024	3550	4	-	-	468	-	25	4047	19071
1990-91	10017	8102	18119	2725	2	-	-	73	135	49	2984	21103
1991-92	9516	8726	18242	4595	-	-	48	22	140	461	5266	23508
1992-93	8758	9114	17872	6748	-	-	-	201	87	466	7502	25374
1993-94	9633	9639	19272	7612	-	-	-	32	346	603	8593	27865
1994-95	9687	10842	20529	8449	-	✧	149	109	✧ 208	541	9456	29985
1995-96	6662	15103	21765	7814	-	✧	585	34	✧ 89	637	9159	30924
1996-97	7970	16720	24690	6964	-	✧	290	6	-	1733	8993	33683
1997-98	7245	19019	26265	7321	-	✧	651	0	✧ 260	3649	11881	38146
1998-99	7189	19834	27023	6921	-	✧	924	51	✧ 340	5314	13551	40573
APGENCO												
1999-2K	8133.00	21499.10	29632.10									29632.10
2000-01	7230.68	21934.25	29164.93									29164.93
2001-02	5757.10	22245.00	28002.10									28002.10
2002-03	3336.85	23032.54	26369.39									26369.39
2003-04	2958.98	22455.39	25414.37									25414.37
2004-05	5267.22	21145.07	26412.29									26412.29
2005-06	7872.53	18718.33	26590.86									26590.86
2006-07	9246.63	19994.07	29240.70									29240.70
2007-08	9509.76	21451.57	30961.33									30961.33
2008-09	7702.54	23294.47	30997.01									30997.01
2009-10	5450.48	24101.16	29551.64									29551.64
2010-11	7717.67	26845.62	34563.29									34563.29
2011-12	6375.55	32893.11	39268.66									39268.66
2012-13	3206.64	34729.55	37936.19									37936.19
2013-14	7142.91	31706.00	38848.91									38848.91
2014-15	3750.30	19868.38	23618.68									23618.68
2015-16	2486.51	21217.17	23703.68									23703.68
2016-17	2312.58	24728.76	27041.34									27041.34

✧ Western Electricity Boards

\$ Column (11) includes Other's (APGPC, NTPC, Wind, Mini hydel, Co-Gen etc.,) energy handled from the year 1991-92 onwards
EBC net generation from 2004-05 onwards

(Contd.,)

6.7 GENERATION DATA (Ex-bus) PARTICULARS										
	APGENCO									
Year	Hydel	Thermal	Total	VGTS	CGS	SOLAR	WIND	IPPS	OTHERS	TOTAL
2016-17	2312.58	24728.76	27041.34	673.82	14600.51	1543.44	3184.78	4114.21	4081.85	55239.95
2017-18	2680.87	20561.95	23242.82	1165.04	10535.46	3699.25	6370.35	2228.30	11576.33	58817.55

* generation data from sldc

6.8 APSEB SALE OF ENERGY AND LINE LOSSES

(Figures in MU)

Year ending March	Total Net Generation + Purchases	Sales with in the state \$	Sales to other states and export	Total Sales	Line Loss	% Line Loss	Other Energies handled
1971-72	3185.17	2336.55	3.59	2340.14	845.03	26.53	--
1972-73	3018.51	2185.72	61.36	2247.08	771.43	25.56	--
1973-74	3435.30	2495.03	90.62	2585.65	849.65	24.73	--
1974-75	3631.26	2636.76	100.29	2737.05	894.21	24.63	--
1975-76	3842.65	2803.70	102.54	2906.24	936.41	24.37	--
1976-77	4804.94	3443.19	189.98	3633.17	1171.77	24.39	--
1977-78	5039.81	3788.16	113.18	3901.34	1138.47	22.59	--
1978-79	5824.29	4341.33	271.92	4613.25	1211.04	20.79	--
1979-80	6195.48	4557.55	312.14	4869.69	1325.79	21.40	--
1980-81	6915.19	5109.93	281.50	5391.43	1523.76	22.03	--
1981-82	8551.86	6099.76	478.53	6578.29	1973.57	23.08	--
1982-83	9648.52	7106.66	313.58	7420.24	2228.28	23.09	--
1983-84	10521.08	7722.08	551.35	8273.43	2247.65	21.36	--
1984-85	12716.99	9239.16	873.04	10112.20	2604.79	20.48	--
1985-86	13730.60	10321.28	538.23	10859.51	2871.09	20.91	--
1986-87	15217.78	11769.92	301.12	12071.04	3146.74	20.68	--
1987-88	14870.95	11678.16	214.27	11892.43	2978.52	20.03	--
1988-89	16305.34	13059.48	146.10	13205.58	3099.76	19.01	--
1989-90	18341.93	14434.56	193.02	14627.58	3714.35	20.25	--
1990-91	20233.14	16093.10	161.06	16254.16	3978.98	19.67	--
1991-92	22549.27	18015.95	182.16	18198.11	4351.16	19.30	255.87
1992-93	24415.76	19542.44	195.00	19737.44	4678.32	19.16	304.56
1993-94	26862.91	21606.04	139.54	21745.58	5117.33	19.05	344.46
1994-95	28847.57	23349.18	34.16	23383.34	5464.23	18.94	327.2
1995-96	29457.3	23882.35	23.00	23905.35	5551.95	18.85	427.02
1996-97	32092.22	21747.68	62.61	21810.29	10281.93	32.04	880.00
1997-98	36357.51	24309.11	27.61	24336.72	12020.79	33.06	694.65
1998-99	38720.01	23982.4	24.00	24006.40	14713.61	38.06	1462.36

✦ Including others energy wheeled from 1991-92 on wards.

⚙ Technical and non-technical (commercial) losses (After formation of Energy Audit wing w.e.f 1996)

\$ Including 3 rd party sales, Energy assessed in theft, pilferage & back billing etc.

Note:The data is furnished at Section 7.8 from 1999-2000 onwards .

6.9 PERFORMANCE OF VIJAYAWADA THERMAL POWER STATION

S.No.	Item	Unit	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
1.	Units Generated	MU	10228.07	10283.63	10164.27	9851.05	9754.94	9953.95	9765.44	10340.94	10727.18	12408.14	14159.09	13410.51	12833.42	12704.85	12066.23	11654.38	10821.93
2.	Auxiliary consumption	MU	882.44	901.58	916.77	924.75	917.17	880.31	862.05	895.32	947.96	960.45	1115.26	1093.94	1050.14	1077.56	1098.16	1008.32	977.12
3.	Auxiliary consumption %	%	8.63	8.77	9.02	9.39	9.4	8.84	8.83	8.66	8.84	7.74	7.88	8.16	8.18	8.48	9.10	8.65	9.03
4.	Service	Hours	8197.94	8298.76	8364.36	8067.55	8234.62	8104.99	7941.16	8332.00	7858.06	7418.53	8342.98	8057.27	8004.25	8211.56	8018.89	7828.36	7213.53
5.	Planned maintenance	Hours	562.06	461.24	419.64	692.45	525.38	655.01	842.84	428.00	901.94	1341.47	441.02	702.73	755.75	548.49	759.48	805.13	1344.85
6.	Forced outage																		
7.	Reserve shutdown																		
8.	Availability factor	%	93.58	94.73	95.22	92.10	94.00	92.52	90.40	95.11	89.70	84.69	94.98	91.98	91.37	93.74	91.29	89.36	82.35
9.	P.L.F.	%	92.67	93.17	91.84	89.25	88.38	90.18	88.23	93.69	87.94	80.48	91.59	86.98	83.24	82.40	78.05	75.59	70.19
10.	KWH / KW		8118	8162	8067	7818	7742	7900	7750	8207	7704	7050	8045	7620	7292	7219	6856	6622	6149

6.10 PERFORMANCE OF NELLORE THERMAL POWER STATION

5.10 PERFORMANCE OF NEELGIRI THERMAL POWER STATION								
S.No.	Item	Unit	2001-02	2002-03	2003-04	2004-05	2005-06	Power Plant closed
1.	Units generated	MU	156.09	145.90	153.94	154.4	7.42	Power Plant closed on 23.04.2005
2.	Auxiliary consumption	MU	20.71	20.16	58.42	21.37	1.21	
3.	Auxiliary consumption	%	13.27	13.81	13.16	13.84	16.31	
4.	Service hours	Hrs	7847.25	7457.70	7708.1	8367.4	412.17	
5.	Planned maintenance	} Hrs	912.75	1302.30	1075.9	392.60	138.83	
6.	Forced outage							
7.	Reserve shutdown							
8.	Availability factor	%	89.58	85.13	87.75	95.52	74.67	
9.	P L F	%	59.39	55.52	58.42	58.75	46.85	
10.	KWH / KW		5203	4863	7540	5147	247	

(*):Nellore Thermal Station 30MW deleted from 23.04.05

6.11 PERFORMANCE OF RAYALASEEMA THERMAL POWER STATION

S.No.	Item	Unit	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
1.	Units generated	MU	3401.58	3353.78	2370.99	3293.67	4416.59	6741.61	6376.56	6255.32	8075.76	7692.6	7056.69	7163.53	7292.70	6712.60	6926.44
2.	Auxiliary consumption	MU	331.64	314.62	240.69	321.37	435.34	618.32	599.42	609.56	754.08	734.11	708.37	743.14	760.08	691.75	695.46
3.	Auxiliary consumption	%	9.75	9.38	10.15	9.76	9.84	9.17	9.4	9.61	9.34	9.54	10.04	10.37	10.42	10.31	10.23
4.	Service hours	Hrs	8179.51	8142.17	6137.55	8058.62	7827.61	8351.2	7862.45	7805.5	8288.3	7954.75	7633.72	7960.65	8270.37	7680.38	7691.43
5.	Planned maintenance	} Hrs	604.49	617.83	2622.45	701.38	956.39	408.8	897.55	954.5	495.7	805.25	1126.28	673.35	485.56	535.36	949.22
6.	Forced outage																
7.	Reserve shutdown																
8.	Availability factor	%	93.12	92.95	70.06	91.99	89.11	95.33	89.75	89.10	94.36	90.81	87.14	92.31	94.15	87.68	87.80
9.	P L F	%	92.20	91.16	64.44	89.52	82.94	91.62	86.66	81.64	87.56	83.63	76.72	77.88	79.07	72.98	73.94
10.	KWH / KW		8099	7985	5645	7842	7010	8026	7591	8178	7691	7326	6721	6822	6945	6393	4198

Note :RTPP Unit 6 (600MW)declared COD from 00:00hrs on 29.03.2018

**6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING
(1965-66 TO 2017-18)**

Station/Unit	Capacity MW	1965-66		1966-67		1967-68		1968-69		1969-70		1970 - 71	
		Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen. MU	PLF %
KTPS `A'													
Unit - I	60	--	--	194.65	40.25	284.70	54.17	260.31	49.52	226.46	43.08	272.58	49.95
Unit - II	60	--	--	113.33	29.15	204.97	38.99	271.94	51.74	250.69	47.67	322.99	61.45
Unit - III	60	--	--	--	--	200.15	45.72	235.08	44.73	230.33	43.82	279.57	53.22
Unit - IV	60	--	--	--	--	182.24	46.20	224.06	42.63	216.26	41.14	290.40	55.25
Station	240	--	--	307.98	35.35	872.06	34.72	991.39	47.15	923.74	43.93	1165.54	55.45
RTS-B	62.5	--	--	--	--	--	--	--	--	--	--	--	--
NTS	30	204.27	88.11	175.04	66.61	113.04	42.90	183.28	69.74	147.97	56.30	111.43	42.40

Contd ..

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

Station Unit	Capa- city MW	1971 - 72		1972 - 73		1973 - 74		1974 - 75		1975 - 76		1976 - 77		1977-78	
		Gen. MU	PLF %	Gen. MU	PLF %	Gen. MU	PLF %	Gen. MU	PLF %	Gen. MU	PLF %	Gen. MU	PLF %	Gen MU	PLF %
KTPS `A'															
Unit -I	60	383.92	72.84	357.27	67.97	436.91	83.12	425.11	80.88	314.11	59.60	367.10	69.80	348.1	66.20
Unit -II	60	323.26	61.33	421.91	80.27	352.26	67.07	394.20	75.00	303.05	57.50	336.80	64.10	294.5	56.00
Unit -III	60	354.84	67.67	382.17	72.71	319.85	60.85	387.76	73.77	291.60	55.30	312.50	59.40	341.4	64.90
Unit -IV	60	348.97	66.21	331.58	63.08	351.50	66.88	398.53	75.82	307.84	58.40	361.10	68.70	270.9	51.50
Station	240	1410.99	66.93	1492.93	71.01	1460.52	69.47	1605.60	76.37	1216.60	57.70	1377.50	65.34	1254.9	59.7
KTPS `B'															
Unit -V	110	--	--	--	--	--	--	152.97	27.33	474.20	49.10	437.10	45.40	175.4	18.20
Unit -VI	110	--	--	--	--	--	--	74.04	31.16	388.90	40.20	447.10	46.40	337.9	37.10
Station	220	--	--	--	--	--	--	227.01	28.47	863.10	44.70	884.20	45.90	513.3	27.70
KTPS `C'															
Unit -V	110	--	--	--	--	--	--	--	--	--	--	--	--	449.7	45.7
Unit -VI	110	--	--	--	--	--	--	--	--	--	--	--	--	38.6	18.30
Station	220	--	--	--	--	--	--	--	--	--	--	--	--	488.3	45.70
RTS `B'	62.5	28.92	10.53	168.71	30.81	399.54	72.97	468.63	85.59	283.40	51.60	496.50	90.70	508.4	92.80
NTS	30	208.69	79.19	232.88	88.61	196.75	74.87	241.88	92.04	160.00	60.70	194.00	73.80	183	69.6

Contd ..

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

Station/ Unit	Capa- city MW	1978-79		1979-80		1980-81		1981-82		1982 - 83		1983 - 84		1984 - 85	
		Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %
V.T.P.S.															
Unit -I	210	--	--	194.80	25.60	832.80	46.00	1330.80	72.30	1618.30	87.90	1530.80	83.00	1216.50	66.10
Unit -II	210	--	--	--	--	298.90	34.30	1361.00	74.00	1293.40	70.30	1575.20	85.40	1630.70	88.60
Unit -III	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Station	420	--	--	194.80	25.60	1131.70	40.10	2691.80	73.20	2911.70	79.10	3106.00	84.20	2847.20	77.40
KTPS A															
Unit - I	60	244.40	46.50	305.30	57.90	234.40	44.60	154.10	29.30	215.20	40.90	260.40	49.40	368.70	70.10
Unit - II	60	284.00	54.00	253.90	48.20	146.80	27.90	291.10	55.40	250.00	47.60	369.70	70.10	304.60	57.90
Unit - III	60	267.20	50.80	310.30	58.90	307.80	58.50	255.90	48.70	292.80	55.70	300.90	57.10	186.70	35.50
Unit - IV	60	157.10	29.90	157.90	29.90	333.90	63.50	280.20	53.30	290.40	55.20	294.40	55.80	377.40	71.80
Station	240	952.70	45.20	1027.40	48.70	1022.90	48.70	981.30	46.70	1048.40	49.90	1225.40	58.10	1237.40	58.80
KTPS B															
Unit - V	110	407.40	42.30	261.40	27.00	104.90	10.90	404.60	42.00	145.10	15.00	247.40	25.60	242.80	25.00
Unit - VI	110	23.70	2.50	239.60	24.80	307.60	31.90	97.80	10.10	374.10	38.80	221.40	22.90	374.50	38.80
Station	220	431.10	22.40	501.00	25.90	412.50	21.40	502.40	26.05	519.20	26.90	468.80	24.30	617.30	32.00
KTPS C															
Unit - VII	110	400.30	41.50	444.40	46.00	107.60	11.20	--	--	310.50	32.20	286.70	29.70	393.30	40.80
Unit - VIII	110	348.40	36.20	490.90	50.80	440.60	45.70	513.70	53.30	211.90	22.00	262.40	27.20	342.00	35.50
Station	220	748.70	38.90	935.30	48.40	548.20	28.40	513.70	26.70	522.40	27.10	549.10	28.40	735.30	38.10
KTPS TOTAL	680	2132.50	35.80	2463.70	41.20	1983.60	33.30	1997.40	33.50	2090.00	35.10	2243.30	37.50	2590.00	43.50
RTS-B	62.5	458.50	83.70	407.80	74.50	366.80	67.00	333.60	60.90	424.10	77.50	399.40	72.70	274.50	50.10
NTS	30	181.00	68.90	76.00	28.80	21.00	8.00	--	--	76.20	28.90	145.80	55.40	117.40	44.50
TOTAL	1193	2772.00	40.90	3142.30	43.40	3503.10	37.20	5022.80	48.10	5502.00	52.70	5894.50	56.30	5829.10	55.80
All India															
PLF (Thermal)			47.90		44.30		44.20		46.40		49.40		47.90		50.10
200/210 MW units					24.70		36.90		42.30		52.10		49.00		50.80

Contd ..

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

Station	Capa-	1985 - 86		1986 - 87		1987 - 88		1988 - 89		1989 - 90		1990 - 91		1991 - 92	
	City	Gen	PLF	Gen	PLF	Gen	PLF	Gen	PLF	Gen	PLF	Gen	PLF	Gen	PLF
	MW	MU	%	MU	%	MU	%	MU	%	MU	%	MU	%	MU	%
VTPS															
Unit - I	210	1662.79	90.39	1684.79	91.58	1690.44	91.64	1432.80	77.91	1643.70	89.40	1513.13	82.25	1443.51	78.25
Unit - II	210	1607.02	87.36	1640.85	89.20	1721.25	93.31	1670.20	90.80	1318.00	71.70	1530.39	83.19	1321.89	71.66
Unit - III	210	--	--	--	--	--	--	--	--	413.70	72.00	1584.00	86.11	1174.86	63.69
Unit - IV	210	--	--	--	--	--	--	--	--	--	--	71.03	--	1374.25	74.50
STATION	840	3269.81	88.87	3325.64	90.39	3411.69	92.48	3103.00	84.30	3375.40	79.40	4698.55	83.85	5314.51	72.03
KTPS 'A'															
Unit - I	60	382.86	72.84	333.85	63.52	394.21	74.80	204.20	38.80	433.00	82.40	305.44	58.11	139.91	26.55
Unit - II	60	345.46	65.73	137.23	26.11	460.44	87.36	422.10	80.00	392.80	74.70	288.14	54.82	380.39	72.17
Unit - III	60	387.28	73.68	354.55	67.46	196.60	37.31	287.70	54.70	391.40	74.50	172.98	32.91	291.87	55.38
Unit - IV	60	19.29	3.67	418.91	75.70	392.38	74.45	401.90	76.50	169.70	32.30	329.03	62.60	296.01	56.16
STATION	240	1134.89	53.98	1244.54	59.20	1443.63	68.48	1315.90	62.60	1386.90	66.00	1095.59	52.11	1108.18	52.17
KTPS 'B'															
Unit - V	110	415.32	43.10	424.79	44.08	600.30	62.13	618.40	64.20	464.00	48.70	414.27	45.04	544.40	58.92
Unit - VI	110	279.34	28.99	433.54	44.98	612.59	63.40	583.40	60.60	559.40	58.70	502.84	54.67	505.04	54.87
STATION	220	694.66	36.04	858.33	44.53	1212.89	62.76	1201.80	56.40	1023.40	53.70	917.11	49.85	1049.44	56.89
KTPS 'C'															
Unit - VII	110	520.99	54.07	615.78	63.90	641.27	66.37	455.80	47.30	653.40	67.80	490.37	50.87	418.59	43.32
Unit - VIII	110	539.24	55.96	634.66	65.87	711.99	73.69	632.00	65.60	390.00	40.50	438.32	45.49	405.19	41.93
STATION	220	1060.23	55.01	1250.44	64.88	1353.26	70.03	1087.80	56.40	1043.40	54.10	928.69	48.19	823.78	42.63
KTPS		1060.23													
TOTAL	680	2889.78	48.51	3353.31	56.29	4009.78	67.13	3605.50	60.50	3453.70	58.20	2941.39	50.12	2981.40	50.66
RTS B	62.5	493.07	90.06	435.83	79.60	390.80	71.18	389.80	71.00	250.90	45.80	399.80	73.02	309.53	56.38
NTS	30	119.17	45.34	167.17	63.60	173.28	65.76	165.10	62.80	141.80	54.00	61.88	23.55	120.73	45.82
TOTAL															
THERMAL	1612.5	6771.83	64.82	7281.95	69.71	7985.55	76.23	7263.40	69.50	7221.80	65.70	8101.62	65.83	8726.17	61.99
ALL INDIA			52.40		53.29		56.40		55.00		56.40		53.80		55.30
200 / 210			59.60		59.60		63.80		50.70		61.70		60.30		60.90
MW Unit															

Contd ..

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

Station	Capa- city (MW)	1992 - 93		1993 - 94		1994 - 95		1995 - 96	
		Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %
VTPS									
Unit-I	210	1275.58	69.34	1420.58	77.22	1592.26	86.55	1621.13	87.88
Unit-II	210	1386.21	75.35	1499.55	81.52	1575.13	85.62	1623.61	88.02
Unit-III	210	1444.93	78.55	1587.90	86.32	1488.50	80.91	1693.74	91.82
Unit-IV	210	1551.93	84.36	1401.36	76.18	1579.11	85.84	1712.18	92.82
Unit-V	210	--	--	--	--	1047.58	81.48	1738.04	94.22
Unit-VI	210	--	--	--	--	35.50	--	1469.05	98.20
STATION	1260	5658.65	76.90	5909.39	80.31	7318.08	84.37	9857.75	91.71
KTPS-A									
Unit-I	60	347.26	66.07	354.56	67.46	319.80	60.84	299.16	56.76
Unit-II	60	307.29	58.46	334.22	63.59	286.16	54.44	319.51	60.62
Unit-III	60	317.46	60.40	320.17	60.92	305.52	58.13	294.67	55.91
Unit-IV	60	282.81	53.81	318.08	60.54	295.93	56.30	304.99	57.87
STATION	240	1254.82	59.69	1327.03	63.12	1207.41	57.43	1218.33	57.79
KTPS-B									
Unit-V	110	505.29	54.93	470.19	51.12	493.39	53.64	558.94	60.60
Unit-VI	110	407.98	44.36	604.70	65.74	581.72	63.24	559.04	60.61
STATION	220	913.27	49.64	1074.89	58.43	1075.11	58.44	1117.98	60.61
KTPS-C									
Unit-VII	110	464.24	48.18	457.47	47.48	399.81	41.49	582.37	60.27
Unit-VIII	110	499.94	51.88	400.03	41.51	375.06	38.92	495.20	51.25
STATION	220	964.18	50.33	857.50	44.49	774.87	40.01	1077.57	55.76
KTPS TOTAL	680	3132.27	53.37	3259.42	55.53	3057.39	52.09	3413.88	58.01
KTPS-V									
Unit-IX(Stab.)	250	-	-	-	-	-	-	-	-
Comml. from 1.10.97		-	-	-	-	-	-	-	-
Unit-X	250	-	-	-	-	-	-	-	-
TOTAL	500	-	-	-	-	-	-	-	-
RTPP-U-I	210	-	-	-	-	-	-	348.14	-
RTPP-U-II	210	-	-	-	-	-	-	979.37	70.85
STATION	420	-	-	-	-	-	-		
RTS-B	62.5	220.60	40.29	360.62	65.87	353.62	64.59	374.38	68.19
NTS	30	102.66	39.07	109.99	41.85	91.11	34.67	129.34	49.08
TOTAL }									
THERMAL}	2452.5	9114.18	64.93	9639.42	68.67	10820.20	70.11	13775.35	78.16
ALL INDIA			57.10		61.00		60.00		63.00
200 / 210 MW Units	(Contd.,)								

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

Station	Capacity MW	2015-16		2016-17		2017-18	
		Gen MU	PLF %	Gen MU	PLF %	Gen MU	PLF %
NTTPS							
Unit-I	210	1446.67	78.43	1383.28	75.19	937.53	50.96
Unit-II	210	1464.57	79.40	1150.39	62.53	1021.67	55.54
Unit-III	210	1562.19	84.69	1487.51	80.86	1511.74	82.18
Unit-IV	210	1616.36	87.62	1239.01	67.35	1497.37	81.40
Unit-V	210	1465.27	79.43	1416.36	76.99	1496.69	81.36
Unit-VI	210	1503.64	81.51	1436.57	78.09	1335.62	72.60
Unit-VII	500	3007.53	68.48	3541.26	80.85	3021.31	68.98
STATION	1760	12066.23	78.05	11654.38	75.59	10821.93	70.19
RTPP							
RTPP-Unit-I	210	1489.08	80.72	1278.34	69.49	1389.14	75.51
RTPP-Unit-II	210	1421.43	77.06	1421.64	77.28	1378.92	74.96
RTPP-Unit-III	210	1471.56	79.78	1365.21	74.21	1400.45	76.13
RTPP-Unit-IV	210	1483.34	80.41	1263.48	68.68	1448.9	78.76
RTPP-Unit-V	210	1427.29	77.37	1383.93	75.23	1183.98	64.36
RTPP-Unit-VI	600	---	---	---	---	125.05	---
STATION	1650	7292.70	79.07	6712.60	72.98	6926.44	73.94
TOTAL THERMAL	3410	19358.93	78.43	18366.98	74.62	17748.37	71.5

* RTPP 6 was declared COD from 00:00hrs on 29.03.2018

6.13 THERMAL POWER STATION-FUEL PARTICULARS

Year	Station	Generation	Coal Linkage	Coal received	Coal Consumption	Oil Consump- tion (KL)	Consumption\KWH		C.V. of Coal	Heat rate
		(MU)	(Million Tonnes)	(Million Tonnes)	(Million Tonnes)		Coal(KG)	Oil (ml)	KCal/Kg	KCal/Kwh
1982-83	VTPS	2912	2.23	1.71	1.77	8606	0.61	2.95		
	KTPS	2090	2.49	1.76	1.83	69079	0.87	33.05		
	RTS 'B'	424	0.31	0.25	0.27	2068	0.64	4.88		
	NTS	76	0.08	0.05	0.06	1485	0.76	19.49		
1983-84	VTPS	3106	2.50	1.98	1.94	6922	0.63	2.93		
	KTPS	2243	2.71	1.92	2.03	39741	0.90	17.71		
	RTS 'B'	399	0.36	0.26	0.26	1061	0.64	2.67		
	NTS	146	0.24	0.11	0.11	1518	0.79	10.41		
1984-85	VTPS	2847	2.37	1.85	1.77	3241	0.62	1.14		
	KTPS	2590	2.82	2.29	2.37	15316	0.91	5.91		
	RTS 'B'	274	0.42	0.18	0.18	833	0.66	3.03		
	NTS	117	0.24	0.09	0.10	979	0.81	8.34		
1985-86	VTPS	3270	2.40	1.98	1.95	3020	0.60	0.92		
	KTPS	2890	3.00	2.47	2.53	18357	0.86	6.35		
	RTS 'B'	493	0.41	0.34	0.33	686	0.66	1.39		
	NTS	119	0.24	0.09	0.10	0	0.82	7.38		
1986-87	VTPS	3326	2.37	2.10	2.16	4684	0.65	1.41		
	KTPS	3353	3.06	2.64	2.96	17382	0.88	5.18		
	RTS 'B'	436	0.39	0.28	0.28	555	0.65	1.27		
	NTS	167	0.24	0.14	0.15	968	0.88	5.79		
1987-88	VTPS	3412	2.52	2.22	2.24	1746	0.66	0.51		
	KTPS	4010	4.02	3.48	3.54	11591	0.88	2.89		
	RTS 'B'	391	0.42	0.29	0.30	937	0.77	2.40		
	NTS	173	0.25	0.15	0.16	1000	0.90	5.77		
1988-89	VTPS	3103	2.52	2.10	2.05	2965	0.66	0.95		
	KTPS	3605	3.84	3.50	3.21	10533	0.89	2.92		
	RTS 'B'	390	0.42	0.29	0.29	936	0.73	2.40		
	NTS	165	0.25	0.16	0.16	973	0.95	5.89		
1989-90	VTPS	3375	2.26	2.31	2.39	10467	0.71	3.10		
	KTPS	3454	2.66	2.32	3.05	12714	0.88	3.68		
	RTS 'B'	251	0.42	0.15	0.18	445	0.70	1.78		
	NTS	142	0.23	0.14	0.14	1097	0.99	7.73		
1990-91	VTPS	4699	3.66	3.24	3.36	8848	0.71	1.91		
	KTPS	2941	3.19	2.50	2.59	13862	0.88	4.71		
	RTS 'B'	400	0.48	0.26	0.28	1190	0.70	2.98		
	NTS	62	0.18	0.06	0.06	380	1.05	6.14		
1991-92	VTPS	5315	4.92	3.72	3.79	10091	0.91	1.90		
	KTPS	2981	3.48	3.18	3.02	14273	1.01	4.79		
	RTS 'B'	310	0.42	0.23	0.23	919	0.74	2.97		
	NTS	121	0.18	0.13	0.13	1430	1.05	11.85		
1992-93	VTPS	5659	4.59	4.15	4.11	7196	0.73	1.27		
	KTPS	3132	3.33	3.37	3.27	17921	1.04	5.72		
	RTS-B	221	0.36	0.19	0.16	1719	0.74	7.79		
	NTS	103	0.17	0.14	0.13	1687	1.22	16.44		
1993-94	VTPS	5909	4.83	4.15	4.22	8562	0.71	1.45	3498	2493
	KTPS	3259	3.36	3.46	3.66	15638	1.12	4.80	3162	3582
	RTS-B	361	0.33	0.25	0.27	1831	0.74	5.08	3589	2710
	NTS	110	0.18	0.13	0.13	1771	1.16	16.10	2670	3307
1994-95	VTPS	7318	5.65	5.22	5.25	25011	0.72	1.36	3429	2473
	KTPS	3057	3.51	3.35	3.38	9940	1.12	6.47	2925	3402
	RTS 'B'	354	0.33	0.26	0.24	1629	0.70	4.61	3803	2768
	NTS	91	0.14	0.10	0.08	1136	1.03	12.47	3292	2912

(Contd.,)

6.13 THERMAL POWER STATION-FUEL PARTICULARS

Year	Station	Generation (MU)	Coal	Coal	Coal	Oil	Consumption\KWH		C.V. of Coal KCal/Kg	Heat rate KCal/Kwh
			Linkage (Million Tonnes)	receipts (Million Tonnes)	Consumption (Million Tonnes)	Consumption (KL)	Coal(KG)	Oil (ml)		
1982-83	VTPS	2912	2.23	1.71	1.77	8606.00	0.61	2.95		
	KTPS	2090	2.49	1.76	1.83	69079.00	0.87	33.05		
	RTS 'B'	424	0.31	0.25	0.27	2068.00	0.64	4.88		
	NTS	76	0.08	0.05	0.06	1485.00	0.76	19.49		
1983-84	VTPS	3106	2.50	1.98	1.94	6922.00	0.63	2.93		
	KTPS	2243	2.71	1.92	2.03	39741.00	0.90	17.71		
	RTS 'B'	399	0.36	0.26	0.26	1061.00	0.64	2.67		
	NTS	146	0.24	0.11	0.11	1518.00	0.79	10.41		
1984-85	VTPS	2847	2.37	1.85	1.77	3241.00	0.62	1.14		
	KTPS	2590	2.82	2.29	2.37	15316.00	0.91	5.91		
	RTS 'B'	274	0.42	0.18	0.18	833.00	0.66	3.03		
	NTS	117	0.24	0.09	0.10	979.00	0.81	8.34		
1985-86	VTPS	3270	2.40	1.98	1.95	3020.00	0.60	0.92		
	KTPS	2890	3.00	2.47	2.53	18357.00	0.86	6.35		
	RTS 'B'	493	0.41	0.34	0.33	686.00	0.66	1.39		
	NTS	119	0.24	0.09	0.10	879.00	0.82	7.38		
1986-87	VTPS	3326	2.37	2.10	2.16	4684.00	0.65	1.41		
	KTPS	3353	3.06	2.64	2.96	17382.00	0.88	5.18		
	RTS 'B'	436	0.39	0.28	0.28	555.00	0.65	1.27		
	NTS	167	0.24	0.14	0.15	968.00	0.88	5.79		
1987-88	VTPS	3412	2.52	2.22	2.24	1746.00	0.66	0.51		
	KTPS	4010	4.02	3.48	3.54	11591.00	0.88	2.89		
	RTS 'B'	391	0.42	0.29	0.30	937.00	0.77	2.40		
	NTS	173	0.25	0.15	0.16	1000.00	0.90	5.77		
1988-89	VTPS	3103	2.52	2.10	2.05	2965.00	0.66	0.95		
	KTPS	3605	3.84	3.50	3.21	10533.00	0.89	2.92		
	RTS 'B'	390	0.42	0.29	0.29	936.00	0.73	2.40		
	NTS	165	0.25	0.16	0.16	973.00	0.95	5.89		
1989-90	VTPS	3375	2.26	2.31	2.39	10467.00	0.71	3.10		
	KTPS	3454	2.66	2.32	3.05	12714.00	0.88	3.68		
	RTS 'B'	251	0.42	0.15	0.18	445.00	0.70	1.78		
	NTS	142	0.23	0.14	0.14	1097.00	0.99	7.73		
1990-91	VTPS	4699	3.66	3.24	3.36	8848.00	0.71	1.91		
	KTPS	2941	3.19	2.50	2.59	13862.00	0.88	4.71		
	RTS 'B'	400	0.48	0.26	0.28	1190.00	0.70	2.98		
	NTS	62	0.18	0.06	0.06	380.00	1.05	6.14		
1991-92	VTPS	5315	4.92	3.72	3.79	10091.00	0.91	1.90		
	KTPS	2981	3.48	3.18	3.02	14273.00	1.01	4.79		
	RTS 'B'	310	0.42	0.23	0.23	919.00	0.74	2.97		
	NTS	121	0.18	0.13	0.13	1430.00	1.05	11.85		
1992-93	VTPS	5659	4.59	4.15	4.11	7196.00	0.73	1.27		
	KTPS	3132	3.33	3.37	3.27	17921.00	1.04	5.72		
	RTS-B	221	0.36	0.19	0.16	1719.00	0.74	7.79		
	NTS	103	0.17	0.14	0.13	1687.00	1.22	16.44		
1993-94	VTPS	5909	4.83	4.15	4.22	8562.00	0.71	1.45	3498	2493
	KTPS	3259	3.36	3.46	3.66	15638.00	1.12	4.80	3162	3582
	RTS-B	361	0.33	0.25	0.27	1831.00	0.74	5.08	3589	2710
	NTS	110	0.18	0.13	0.13	1771.00	1.16	16.10	2670	3307
1994-95	VTPS	7318	5.65	5.22	5.25	25011.00	0.72	1.36	3429	2473
	KTPS	3057	3.51	3.35	3.38	9940.00	1.12	6.47	2925	3402
	RTS 'B'	354	0.33	0.26	0.24	1629.00	0.70	4.61	3803	2768
	NTS	91	0.14	0.10	0.08	1136.00	1.03	12.47	3292	2912

6.13 THERMAL POWER STATION-FUEL PARTICULARS

Year	Station	Generation (MU)	Coal	Coal	Coal	Oil	Consumption\KWH		C.V. of Coal KCal/Kg	Heat rate KCal/Kwh
			Linkage (Million Tonnes)	receipts (Million Tonnes)	Consumption (Million Tonnes)	Consumption (KL)	Coal(KG)	Oil (ml)		
1995-96	VTPS	9858	7.22	7.34	7.24	10441.00	0.73	0.77	3318	2445
	KTPS	3414	4.02	3.83	3.77	14878.00	1.11	4.36	2958	3298
	RTPP	1328	1.72	1.08	1.08	18022.00	0.81	7.27	3544	3221
	RTS'B'	374	0.33	0.25	0.26	1640.00	0.70	4.38	3783	2693
	NTS	129	0.17	0.15	0.14	1288.00	1.10	9.96	3423	3862
1996-97	VTPS	10274	7.46	7.31	7.52	5331.00	0.73	0.52	3301	2420
	KTPS	3520	3.90	4.00	3.79	17724.00	1.08	5.04	2974	3255
	RTPP	2437	2.75	2.13	1.93	12497.00	0.79	5.13	3387	2733
	RTS'B'	378	0.29	0.29	0.27	3065.00	0.73	8.11	3647	2728
	NTS	111	0.17	0.16	0.13	1959.00	1.17	17.66	3092	3802
1997-98	VTPS	10357	8.10	7.40	7.27	5488.00	0.70	0.53	3402	2394
	KTPS	5163	5.94	4.92	4.51	26360.00	0.87	5.10	3349	3223
	RTPP	2983	2.71	2.27	2.22	4144.00	0.74	1.39	3347	2503
	RTS'B'	400	0.36	0.29	0.28	2500.00	0.69	6.25	3844	2715
	NTS	116	0.12	0.13	0.13	1779.00	1.16	15.31	3043	3690
1998-99	VTPS	9828	7.20	6.80	6.83	5969.18	0.69	0.61	3474	2420
	KTPS	6163	7.05	4.88	5.07	26403.30	1.68	8.50	6772	2459
	RTPP	3365	2.63	2.43	2.51	3051.60	0.75	0.91	3281	2457
	RTS'B'	380	0.32	0.29	0.28	2335.10	0.73	6.14	3812	2859
	NTS	97	0.15	0.11	0.12	1150.28	1.23	11.84	3441	4242
1999-00	VTPS	9621.54	6.45	6.65	6.70	4213.00	0.70	0.44	3570	2491
	KTPS	3887.15	} 6.47	3.55	3.61	1362.00	0.93	0.77	3116	2349
	KTPS-V	3933.42		2.47	2.55	2897.00	0.65	0.83	3120	2351
	RTPP	3500.35	2.70	2.62	2.63	1535.00	0.75	0.88	3123	2353
	RTS'B'	428.7	0.36	0.31	0.33	594.00	0.76	1.60	3215	2803
	NTS	127.94	0.21	0.13	0.13	570.00	1.05	1.36	3241	2809
2000-01	VTPS	10198.21	7.05	7.27	7.09	4139	0.70	0.41	3460	2411
	KTPS	3863.27	} 6.79	3.75	3.60	10599	0.93	2.74	3233	3045
	KTPS-V	3784.36		2.61	2.31	2838	0.61	0.75	3785	2325
	RTPP	3475.38	3.03	2.82	2.80	2424	0.81	0.70	2850	2303
	RTS'B'	443.7	0.36	0.35	0.36	1018	0.82	2.29	3588	2966
	NTS	169.33	0.17	0.19	0.18	479	1.09	2.83	2998	3296
2001-02	VTPS	10228.07	6.90	6.99	7.17	3630	0.70	0.35	3521	2471
	KTPS	4172.14	} 6.31	3.62	3.69	12261	0.88	2.94	3212	2870
	KTPS-V	3862.49		2.62	2.65	2413	0.69	0.62	3320	2282
	RTPP	3400.81	2.40	2.31	2.37	1678	0.70	0.49	3386	2366
	RTS'B'	425.4	0.34	0.32	0.31	732	0.74	1.72	3763	2810
	NTS	156.09	0.18	0.16	0.17	409	1.10	2.62	3622	4024
2002-03	VTPS	10283.63	7.02	7.20	7.23	2848	0.70	0.28	3498	2461
	KTPS	4644.98	} 6.11	3.79	3.83	7470	0.83	1.61	3294	2733
	KTPS-V	4080.53		2.81	2.84	1663	0.70	0.41	3357	2339
	RTPP	3488.82	2.16	2.20	2.29	2036	0.66	0.58	3500	2305
	RTS'B'	388.67	0.29	0.27	0.27	452	0.70	1.16	3972	2811
	NTS	145.90	0.13	0.15	0.16	275	1.08	1.88	3373	3654
2003-04	VTPS	10164.27	7.74	7.16	7.16	3701	0.70	0.36	3535	2494
	KTPS	4225.95	} 6.44	3.96	3.29	5492	0.78	1.30	3486	2732
	KTPS-V	4038.37		2.02	2.65	2062	0.66	0.51	3521	2318
	RTPP	3401.58	2.60	2.19	2.25	677	0.66	0.20	3485	2304
	RTS'B'	471.28	0.27	0.31	0.31	310	0.66	0.66	4281	2839
	NTS	153.94	0.15	0.14	0.15	321	0.96	2.08	3570	3463
2004-05	VTPS	9851.05	7.80	6.96	6.89	3280	0.70	0.33	3483	2441
	KTPS	5364.13	} 6.47	3.87	3.79	5339	0.71	1.00	3647	2593
	KTPS-V	4140.20		2.53	2.57	1781	0.62	0.43	3651	2274
	RTPP	3353.78	2.49	2.16	2.15	757	0.64	0.23	3566	2288
	RTS'B'	496.16	0.33	0.32	0.32	198	0.64	0.40	4248	2723
	NTS	154.40	0.17	0.15	0.15	228	0.98	1.48	3824	3772
2005-06	VTPS	9754.94	7.35	6.90	6.81	2451	0.70	0.25	3438	2401
	KTPS	4732.26	} 6.36	3.72	3.64	5022	0.77	1.06	3449	2662
	KTPS-V	3482.09		2.55	2.39	2054	0.69	0.59	3364	2311
	RTPP	2370.99	2.37	1.60	1.52	1901	0.64	0.80	3614	2323
	RTS'B'	397.12	0.36	0.29	0.28	399	0.71	1.01	4016	2872
	NTS	7.42	0.02	0.01	0.01	5	0.97	0.64	3930	3832

6.13 THERMAL POWER STATION-FUEL PARTICULARS

Year	Station	Generation (MU)	Coal	Coal	Coal	Oil	Consumption/KWH		C.V. of Coal KCal/Kg	Heat rate KCal/Kwh
			Linkage (Million Tonnes)	receipts (Million Tonnes)	Consumption (Million Tonnes)	Consumption (KL)	Coal(KG)	Oil (ml)		
2006-07	VTPS	9953.95	7.41	6.90	6.93	2788	0.70	0.28	3405	2374
	KTPS	4787.31	} 7.02	3.77	3.80	6207	0.79	1.30	3423	2731
	KTPS-V	3680.69		2.55	2.64	1324	0.72	0.36	3296	2364
	RTPP	3293.67	3.40	2.01	2.22	1662	0.68	0.50	3447	2334
	RTS'B'	330.66	0.37	0.24	0.24	491	0.71	1.49	3874	2770
	NTS									
2007-08	VTPS	9765.44	7.86	7.00	7.11	2789	0.73	0.29	3239	2362
	KTPS	5030.30	} 7.20	4.06	4.14	4721	0.82	0.94	3289	2723
	KTPS-V	3970.43		2.94	2.93	1465	0.74	0.37	3170	2344
	RTPP	4416.59	4.67	3.09	3.09	17412	0.70	1.28	3281	2325
	RTS'B'	503.01	0.33	0.33	0.33	316	0.66	0.63	3953	2613
2008-09	VTPS	10340.94	7.55	7.30	7.26	2959	0.70	0.29	3304	2324
	KTPS	4462.11	} 5.90	3.99	4.00	8542	0.90	1.91	3084	2784
	KTPS-V	3665.89		2.97	3.00	3827	0.82	1.04	2804	2306
	RTPP	6741.61	5.09	3.99	4.72	5218	0.70	0.77	3230	2268
	RTS'B'	467.35	0.32	0.35	0.33	201	0.71	0.43	3701	2645
2009-10	VTPS	10727.18	7.55	7.70	7.62	3007	0.72	0.31	3274	2360
	KTPS	4913.38	} 5.90	4.49	4.22	4486	0.86	0.91	3079	2657
	KTPS-V	4035.64		3.27	3.10	1689	0.77	0.42	2966	2285
	RTPP	6376.56	5.09	4.48	4.40	3325	0.69	0.52	3289	2278
	RTS'B'	512.18	0.32	0.35	0.35	179	0.69	0.35	3735	2562
2010-11	VTPS	12408.14	8.08	7.92	8.65	4128	0.74	0.48	3173	2342
	KTPS	5057.09	} 5.90	4.32	4.32	4616	0.85	0.91	3068	2631
	KTPS-V	3417.97		6.79	2.53	2830	0.74	0.83	2980	2210
	RTPP	6255.32	4.75	4.21	4.33	8844	0.69	0.81	3245	2257
	RTS'B'	469.91	0.30	0.32	0.33	296	0.71	0.63	3601	2555
	Kakatiya-I	1838.51	2.16	1.21	1.16	16824	0.63	2.37	3570	2272
2011-12	VTPS	14159.09	7.69	8.53	9.80	6216	0.72	0.62	3198	2314
	KTPS	4998.02	} 5.90	8.05	4.39	5501	0.88	1.10	3046	2686
	KTPS-V&VI	5844.27		4.06	4.06	20532	0.69	0.97	3226	2251
	RTPP	8075.76	5.49	5.12	5.49	13449	0.68	1.67	3353	2294
	RTS'B'	452.70	0.30	0.32	0.33	590	0.72	1.30	3614	2615
	Kakatiya-I	2440.72	2.16	2.37	1.49	6266	0.61	2.57	3688	2272
2012-13	VTPS	13410.51	7.69	9.93	9.81	19968	0.77	2.07	3032	2347
	KTPS	4607.32	3.70	4.65	4.44	10200	0.96	2.21	2912	2830
	KTPS-V&VI	7799.06	4.51	5.59	5.58	9518	0.72	1.22	3365	2421
	RTPP	7692.60	5.49	5.20	5.15	9308	0.67	1.21	3381	2275
	RTS'B'	435.83	0.30	0.32	0.32	869	0.75	1.99	3576	2714
	Kakatiya-I	3988.72	2.16	2.35	2.48	2365	0.62	0.59	3719	2320
2013-14	VTPS	12833.42	7.57	9.96	9.57	10109	0.78	1.12	3050	2380
	KTPS	4285.96	3.70	4.63	4.77	6228	1.11	1.45	2749	3073
	KTPS-V&VI	7018.27	3.77	5.09	5.44	5043	0.78	0.72	3042	2367
	RTPP	7056.69	5.43	3.26	5.02	9687	0.71	1.37	3271	2342
	RTS'B'	445.77	0.30	0.36	0.35	963	0.78	2.16	3510	2774
	Kakatiya-I	3155.09	2.29	2.54	2.51	3382	0.67	1.07	3492	2347
2014-15	VTPS	12704.85	-	9.76	9.52	14980	0.75	1.18	3272	2463
	RTPP	7163.53	-	5.63	5.43	13931	0.76	1.94	3032	2317
2015-16	Dr NTPPS	12066.23	-	9.72	9.25	10437	0.76	0.86	3181	2434
	RTPP	7292.70	-	5.75	5.35	5888	0.73	0.81	3127	2300
2016-17	Dr NTPPS	11654.38	8.31	8.697	8.936	7521	0.76	0.65	3175	2431
	RTPP	6712.60	5.76	4.439	4.696	3938	0.70	0.59	3270	2293
2017-18	Dr NTPPS	10821.93	8.310	8.196	8.537	7357	0.79	0.68	3148	2489
	RTPP	6926.44	5.76	4.871	4.968	4113	0.73	0.60	3195	2339

MT=Million Tonnes

6.14 HYDEL RESERVOIR PARTICULARS

S.No.	Name of the Reservoir	F.R.L. Level in Ft.	MDDL Ft	F.R.L. Storage TMC Ft.	Live Storage at F.R.L in T.M.C. ft.	Storage equivalent in MU
1.	Jalaput	2750	2685	34.27	31.52	531
2.	Balimela	1516	1440	127.6	99.44	895
3.	Guntawada	1360	1333.5	4.3	3.62	65
4.	Donkarayi	1037	955	16.52	12.87	153
5.	Srisailam	885	800	215.81	186.83	1028
6.	Nagarjunasagar	590	510	312.05	180.38	992
7.	Nizamsagar	1405	1376	17.8	16.96	34
8.	T.B.Dam	1633	1582	115.68	109.81	211
9.	Pochampad	1091	1064	112.02	81.19	162

6.15 YEAR-WISE STORAGE AND INFLOWS						
Year	Initial level in	Gross Storage in TMC ft	During July -June			
	ft as on1st July		Inflows TMC ft	Drawal TMC ft		
DATA OF SRISAILAM RESERVOIR						
1982-83	749.60	28.90	933.20		95.80	
1983-84	735.50	26.60	1607.60		120.80	
1984-85	739.60	25.10	1052.30		434.40	
1985-86	812.50	69.50	716.10		382.10	
1986-87	821.40	82.70	679.50		440.00	
1987-88	750.00	28.50	592.80		500.20	
1988-89	797.60	52.60	1471.00		474.20	
1989-90	797.00	49.51	1140.70		567.13	
1990-91	829.30	96.43	1630.90		651.91	
1991-92	872.00	232.16	1415.22		516.05	
1992-93	796.70	52.20	944.13		572.22	
1993-94	800.20	55.20	1297.78		616.41	
1994-95	800.20	55.20	2024.38		578.64	
1995-96	738.40	24.61	619.81		456.08	
1996-97	802.00	57.02	1092.69		560.96	
1997-98	803.30	58.37	1198.5		522.33	
1998-99	808.90	64.89	1716		456.32	
1999-00	840.20	119.01	894.6		507.27	
2000-01*	840.20	119.01	564.47		503.96	
2001-02	824.80	88.37	499.48		398.54	
2002-03*	821.70	83.19	199.02		232.15	
2003-04						
2004-05	780.40	40.84	507.63			
2005-06	816.90	63.7	1815.29		676.23	
2006-07	847.40	112.66	1721.19		771.41	
2007-08	830.10	79.86	1673.36		843.03	
2008-09	861.20	153.25	749.67		635.74	
2009-10	820.30	17.84	844.53		425.10	
2010-11	830.70	31.33	1004.90		678.39	
2011-12	838.00	43.50	703.40		768.44	
2012-13	808.10	6.23	194.25		137.37	
2013-14	846.00	42.92	828.87		487.65	
2014-15	850.80	52.78	640.69		495.60	
DATA OF JALAPUT RESERVOIR						
1981-82	2712.00	10.00	38.70		43.70	
1982-83	2680.00	2.30	42.20		39.60	
1983-84	2682.90	2.40	55.90		42.00	
1984-85	2718.70	12.70	47.40		55.90	
1985-86	2670.70	1.00	40.00		37.50	
1986-87	2684.90	2.70	49.60		47.90	
1987-88	2693.40	4.40	28.50		29.20	
1988-89	2687.70	3.20	42.30		43.30	
1989-90	2680.50	2.07	65.90		41.60	
1990-91	2741.00	26.51	63.30		59.50	
1991-92	2713.70	10.54	50.85		51.80	
1992-93	2714.70	10.95	49.36		52.30	
1993-94	2681.00	2.14	32.14		38.10	
1994-95	2681.00	2.14	79.01		55.18	
1995-96	2723.90	15.30	51.75		53.65	
1996-97	2711.60	9.72	53.71		54.28	
1997-98	2711.40	9.64	35.23		37.58	
1998-99	2694.10	4.52	50.00		38.41	
1999-00	2730.00	18.82	51.71		46.84	
2000-01*	2730.00	18.82	41.27		42.52	
2001-02	2724.70	15.73	51.72			
2002-03*	2728.10	17.67	22.22		36.92	
2003-04*	2686.50	3.01	47.50			
2004-05*	2732.20	20.32	49.77			
2005-06*	2719.00	12.85	54.74		48.14	
2006-07*	2731.10	19.52	68.13		52.79	
2007-08*	2726.00	16.45	63.52		30.22	
2008-09*	2744.50	26.78	34.57		38.79	
2009-10*	2724.10	12.65	32.27		41.33	
2010-11*	2705.10	4.72	53.05		37.25	
2011-12	2742.70	25.23	24.33		32.21	
2012-13	2732.05	17.47	46.95		44.77	
2013-14	2731.35	16.99	49.51		39.67	
2014-15	2736.55	20.55	36.13		44.80	

DATA OF BALIMELA RESERVOIR				AP	ORISSA
1981-82	1441.80	34.30	63.60	51.60	58.80
1982-83	1431.80	27.60	83.00	57.90	58.40
1983-84	1436.10	30.70	106.30	65.10	81.60
1984-85	1434.80	29.50	64.20	56.80	60.60
1985-86	1433.30	28.60	57.20	41.50	48.70
1986-87	1433.70	28.80	77.10	60.30	62.70
1987-88	1432.00	27.80	43.20	32.30	32.40
1988-89	1433.80	28.90	59.60	48.50	47.80
1989-90	1437.20	31.11	86.83	57.40	57.40
1990-91	1447.60	38.83	188.24	77.30	80.60
1991-92	1468.70	52.92	80.58	76.20	80.90
1992-93	1435.3	29.83	93.29	75.30	77.40
1993-94	1432.4	28.00	49.03	40.90	43.80
1994-95	1432.40	28.00	165.26	74.54	77.56
1995-96	1469.80	59.06	75.46	80.71	80.71
1996-97	1447.70	38.91	71.41	61.37	63.90
1997-98	1442.80	35.10	51.98	44.74	44.11
1998-99	1442.80	35.10	66.00	48.01	47.96
1999-00	1460.20	49.56	98.76	61.56	68.43
2000-01*	1460.20	49.56	66.66	63.72	57.97
2001-02	1440.70	33.53	76.78	64.30	61.57
2002-03*	1439.80	32.87	34.28	36.74	31.81
2003-04	1441.00	33.75	121.30		
2004-05	1473.80	63.43	94.16	79.52	86.22
2005-06	1456.00	46.05	86.21	65.79	59.35
2006-07	1463.50	52.73	151.67	85.15	89.30
2007-08	1483.20	74.91	108.96	76.52	101.64
2008-09	1474.70	31.42	72.35	92.52	53.01
2009-10	1448.20	6.31	58.46	33.23	45.68
2010-11	1466.40	22.56	126.35	56.23	72.51
2011-12	1486.20	45.96	54.39	62.80	59.77
2012-13	1448.80	6.79	92.73	55.45	30.12
2013-14	1495.50	58.98	117.10	66.07	90.75
2014-15	1498.90	63.91	109.66	81.83	69.55
* Inflows and drawal are during financial year (Apr-Mar) w.e.f the year 2000-01					

6.15 YEAR-WISE STORAGE AND INFLOWS					
Year	As on 1st April		During April to March		
	Intial level in feet	Net Storage in	Inflows TMC ft	Drawal TMC ft	
DATA OF SRISAILAM RESERVOIR					
2014-15	850.80	52.78	640.69	495.60	
2015-16	805.20	2.66	53.79	66.76	
2016-17	802.90	1.46	341.13	105.76(RBPH).	
2017-18	806.30	3.245	384.85	96.94(RBPH)	
DATA OF JALAPUT RESERVOIR					
2014-15	2736.55	20.55	36.13	44.80	
2015-16	2730.60	16.48	43.62	39.74	
2016-17	2730.10	16.14	43.61	50.42	
2017-18	2723.10	12.12	39.97	35.73	
DATA OF BALIMELA RESERVOIR				AP	ORISSA
2014-15	1498.90	63.91	109.66	81.83	69.55
2015-16	1495.00	58.25	60.83	84.47	33.25
2016-17	1480.5	38.4	72.29	51.93	56.7
2017-18	1486.00	45.68	85.57	75.07	83.29

6.16 (A). GENERATION SCHEMES CLEARED AND READY FOR EXECUTION AS ON 31-03-2018

S.No.	Name of the Scheme	Location (District)	Capacity No. x MW	Estimated Cost (Rs.Cr.)	Remarks
Solar					
1	Solar PV Plant	Ananthapur	400 MW	2375	Programmed to commission during 2019-20

6.17 POWER PROJECTS UNDER CONSTRUCTION - PROGRESS AS ON 31-03-2018

S.No	Name of the Project	Location	Capacity Addition	Estimated Cost (Rs. Crs.)	Remarks
State Sector (Thermal)					
1	Dr NTPPS Stage-V	Vijayawada (Krishna)	1 x 800 MW	5287	Programmed to commission during JUNE 2019
2	Sri Damodaram Sanjeevaiah TPS Stage II	Krishnapatnam (Nellore)	1 x 800 MW	4327	Programmed to commission during JUNE 2019
State Sector (Solar)					
1	Solar PV Plant	Ananthapuram	400 MW	2375	Programmed to commission during December 2018
State Sector (Hydro)					
1	Polavaram HEP	Polavaram	12 x 80 MW	5358.23	Programmed to be commissioned during 2021-22
POWER PROJECTS UNDER DEVELOPMENT					
S.No	Name of the Project	Unit	Capacity Addition	Estimated Cost (in Crs.)	Remarks
1	Solar PV Plant		100 MW		Programmed to commission during 2019-20
2	Wind Farm at Ramagiri	U1	1x10MW	50	Programmed to commission during 2019-20

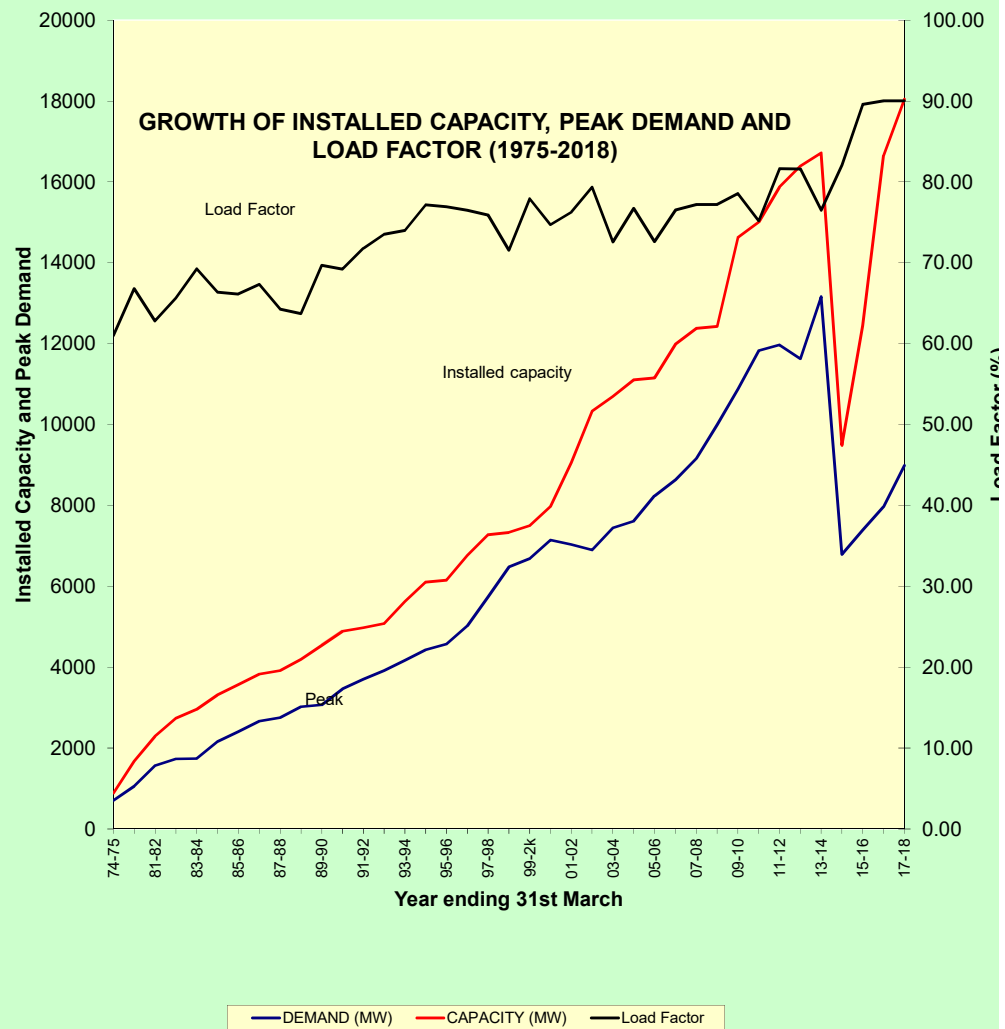
6.18 Generation schemes under investigation as on 31-3-2018

State Sector				
S.No	Name of the Project	Capacity Addition	Estimated Cost (in Crs.)	Remarks
NIL				

6.19 Estimated potential & Harnessed in Renewable Energy Sources (As on 31.3.2018)

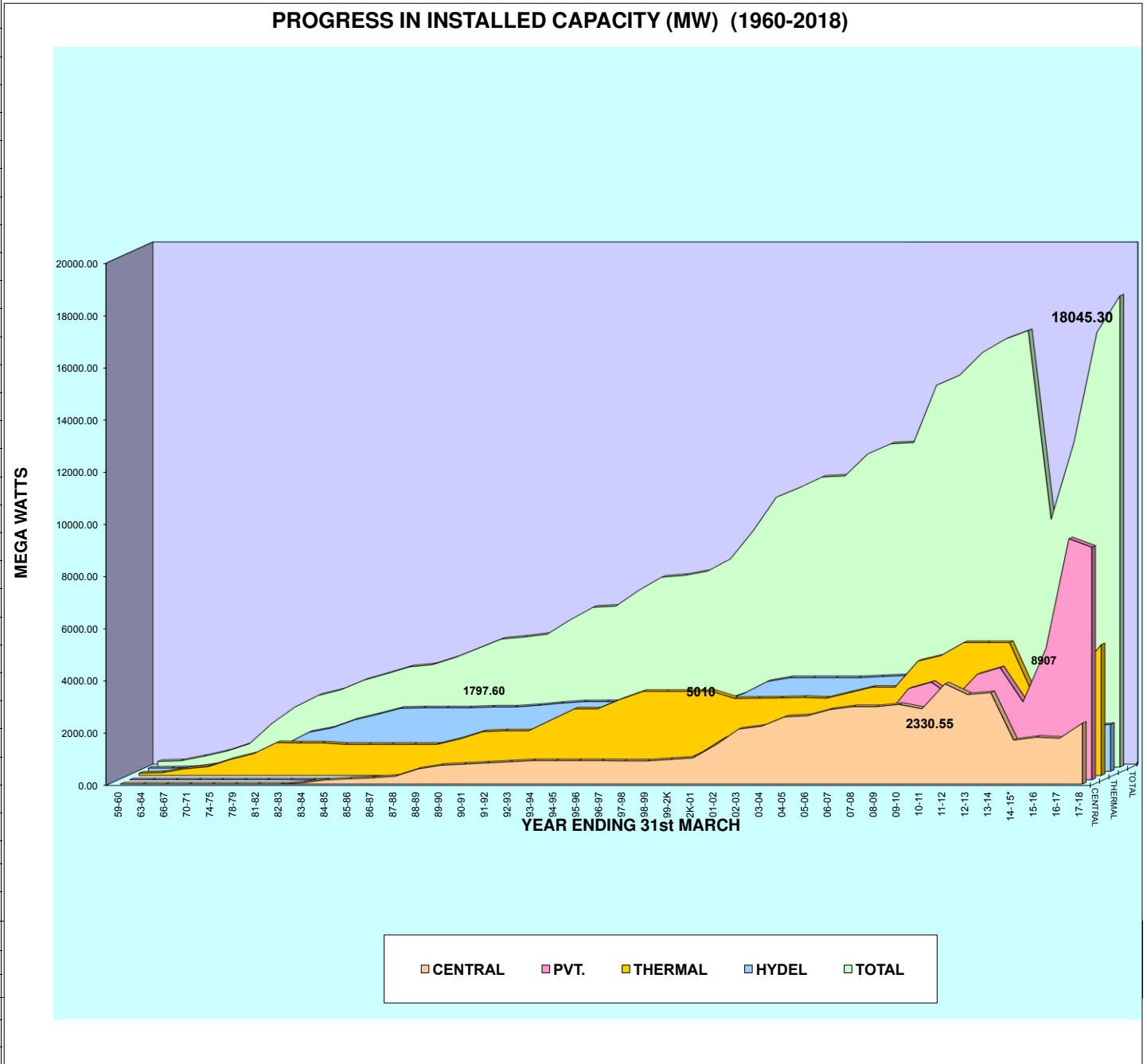
SNO	Energy Source	Potential (MW)	Capacity Harnessed up to Mar-18(MW)	Capacity addition During 2017-18
1	Wind	44229.00	4162.39	361.30
2	Biomass projects including co-generation power projects	500.00	236.70	10.30
3	Bagasse based Co-generation	300.00	203.95	0.00
4	Municipal Solid Waste	100.00	6.15	0.00
5	Industrial Waste	100.00	34.01	0.00
6	Small Hydro	500.00	104.438	17.00
7	Solar	38440	2147.88	267
	Total	84169	6895.51	655.60

YEAR	CAPACITY (MW)	DEMAND (MW)	Load Factor
74-75	888	706	61.00
78-79	1678	1060	66.81
81-82	2298	1570	62.83
82-83	2736	1733	65.64
83-84	2955	1743	69.25
84-85	3318	2158	66.39
85-86	3568	2404	66.14
86-87	3829	2665	67.32
87-88	3914	2752	64.29
88-89	4192	3026	63.73
89-90	4542	3070	69.71
90-91	4893	3465	69.22
91-92	4973	3703	71.79
92-93	5080	3916	73.53
93-94	5626	4170	74.00
94-95	6111	4434	77.18
95-96	6155	4576	76.92
96-97	6764	5022	76.51
97-98	7276	5742	75.89
98-99	7333	6480	71.54
99-2k	7502	6684	77.93
2K-01	7974	7143	74.70
01-02	9056	7029	76.25
02-03	10329	6895	79.36
03-04	10696	7441	72.58
04-05	11106	7613	76.75
05-06	11151	8239	72.61
06-07	11996	8641	76.55
07-08	12382	9162	77.21
08-09	12427	9997	77.22
09-10	14625	10880	78.54
10-11	15003	11829	75.18
11-12	15876	11972	81.65
12-13	16389	11630	81.60
13-14	16717	13162	76.49
14-15	9486	6784	82.08
15-16	12444	7391	89.60
16-17	16652	7965	90.03
17-18	18045	8983	90.03

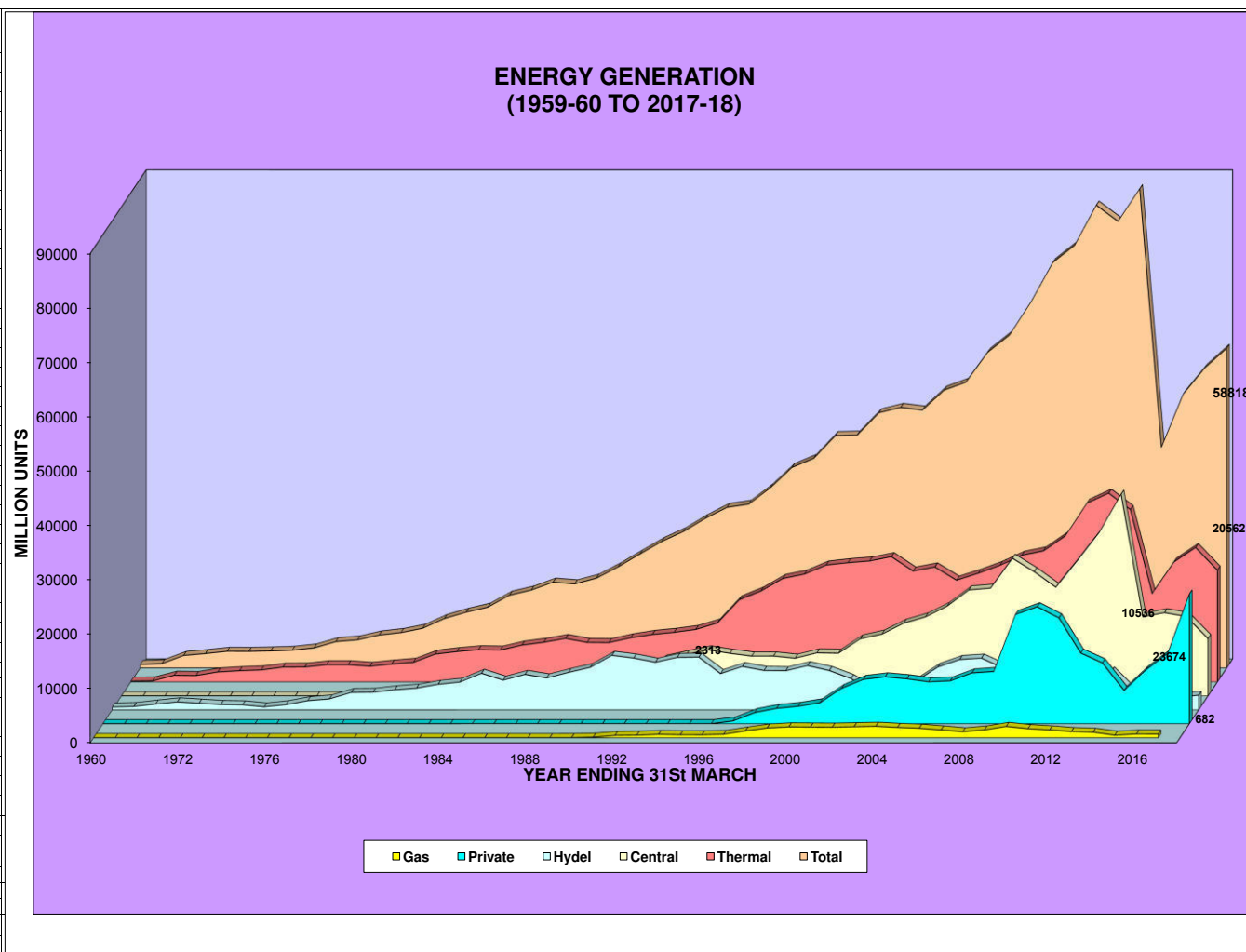


YEAR	HYDEL	THERMAL	CENTRAL	PVT &OTHERS	TOTAL
59-60	124.00	89.00	--		213.00
63-64	126.00	114.00	--		240.00
66-67	151.60	259.00	--		410.60
70-71	271.60	337.00	--		608.60
74-75	271.60	620.00	--		891.60
78-79	841.60	840.00	--		1681.60
81-82	1043.20	1260.00	--		2303.20
82-83	1494.80	1247.50	--		2742.30
83-84	1659.80	1247.50	54.00		2961.30
84-85	1971.40	1192.50	162.00		3325.90
85-86	2182.42	1192.50	202.00		3576.92
86-87	2411.42	1192.50	234.00		3837.92
87-88	2431.21	1192.50	299.00		3922.71
88-89	2431.21	1192.50	577.00		4200.71
89-90	2431.21	1402.50	717.00		4550.71
90-91	2461.21	1678.50	762.00		4901.71
91-92	2462.21	1712.50	807.00		4981.71
92-93	2524.21	1712.50	852.00		5088.71
93-94	2605.21	2132.50	897.00		5634.71
94-95	2667.21	2552.50	897.00	2.93	6119.64
95-96	2668.21	2552.50	897.00	45.60	6163.31
96-97	2668.21	2914.50	897.00	290.44	6770.15
97-98	2668.21	3224.50	885.00	495.14	7272.85
98-99	2668.21	3224.50	885.00	563.64	7341.35
99-2K	2683.21	3224.50	942.50	654.10	7504.31
2K-01	2684.21	3224.50	1000.00	1065.20	7973.91
01-02	2984.21	2952.50	1500.00	1619.19	9055.90
02-03	3434.21	2962.50	2106.25	1825.89	10328.85
03-04	3586.36	2972.50	2212.50	1924.22	10695.58
04-05	3586.36	2992.50	2571.00	1955.85	11105.71
05-06	3586.36	2962.50	2616.94	1985.39	11151.19
06-07	3586.36	3172.50	2854.69	2382.76	11996.31
07-08	3627.36	3382.50	2963.22	2408.51	12381.59
08-09	3666.36	3382.50	2963.22	2415.17	12427.25
09-10	3705.36	4382.50	3048.54	3489.12	14625.52
10-11	3792.36	4592.50	2882.68	3735.50	15003.04
11-12	3829.50	5092.50	3837.95	3116.54	15876.49
12-13	3829.36	5092.50	3428.97	4038.47	16389.30
13-14	3829.36	5092.50	3501.40	4294.07	16717.33
14-15*	1671.29	3148.15	1679.86	2986.40	9485.70
15-16	1671.29	3948.15	1795.95	5028.16	12443.55
16-17	1721.29	3948.15	1750.85	9232.23	16652.52
17-18	1797.60	5010.00	2330.55	8907.15	18045.30

* Figures indicate for residual AP



Year	Hydel	Thermal	Gas	Pvt.	Central & Other States	Total
1960	505	123	-	-	-	628
1961	610	174	-	-	-	784
1969	1059	1218	-	-	-	2277
1970	1460	1164	-	-	-	2624
1972	1221	1824	-	-	-	3045
1973	974	2053	-	-	-	3027
1974	910	2196	-	-	-	3106
1975	533	2709	-	-	-	3242
1976	941	2729	-	-	-	3670
1977	1680	3145	-	-	-	4825
1978	2002	3146	-	-	-	5148
1979	3180	2875	-	-	-	6055
1980	3225	3268	-	-	-	6493
1981	3680	3596	-	-	-	7276
1982	3984	5093	-	-	-	9077
1983	4684	5562	-	-	-	10246
1984	5092	5909	-	-	173	11174
1985	6716	5835	-	-	834	13385
1986	5453	6772	-	-	2095	14320
1987	6517	7282	-	-	1979	15778
1988	5865	7985	-	-	1605	15455
1989	6878	7263	-	-	2376	16517
1990	7802	7222	25	-	3550	18599
1991	10017	8102	109	-	2725	20953
1992	9516	8726	425	-	4595	23262
1993	8758	9114	473	-	6748	25093
1994	9633	9639	616	-	7612	27500
1995	9687	10842	552	-	8449	29530
1996	6662	15103	540	-	7814	30119
1997	7970	16720	627	505	7308	33130
1998	7245	19019	1249	2055	7321	36889
1999	7189	19834	1799	2820	6921	38563
2000	8132	21499	2006	3217	7897	42751
2001	7232	21934	1978	3869	7831	42844
2002	5757	22245	1951	6514	10484	46951
2003	3337	23033	2030	8169	11369	47937
2004	2941	20401	2109	8636	13356	47444
2005	5267	21145	1908	8280	14522	51123
2006	7873	18718	1753	7730	16501	52575
2007	9247	19994	1445	7897	19487	58070
2008	9510	21452	1101	9360	19822	61245
2009	7703	23294	1441	9633	25316	67387
2010	5450	24101	2087	20122	22851	74612
2011	7718	26846	1681	21534	19986	77764
2012	6376	32893	1448	19490	24953	85160
2013	3207	34730	1140	13018	30104	82198
2014	7143	31706	1016	11205	37120	88191
2015*	3177	16285	467	6145	14553	40627
2016	2441	22044	682	9919	15301	50388
2017	2313	24729	674	12913	14601	55240
2018	2681	20562	1165	23874	10536	58818



* Figures indicate for residual AP

7. TRANSMISSION & DISTRIBUTION

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

Sl.No	NAME OF THE SS/ DISTRICT	VOLTAGE in KV	TR. CAPACITY (NO. X MVA)	TOTAL MVA	Date of Commissioning
400 KV SUBSTATIONS					
1	NARNOOR (KURNOOL)	400/220	2 x 315	630	06-03-2001
2	KALPAKA (VIZAG)	400/220	3 x 315	945	27-01-2002
3	VEMAGIRI (EAST GODAVARI)	400/220	3x315	945	27-09-2005
4	NELLORE(Manubolu)	400/220	3 x 315	945	18-12-2005
		220/132	3X100	300	31-01-2016(3rd 315mva)
5	CHITTOOR	400/220	3 x 315	945	24-10-2009
		400/220	3 x 315	945	17-2-2006
6	NARASARAOPET (Sattenapally)	400/220	2x315	630	31/03/2014
7	JAMMALAMADUGU(Kondapuram) KADAPA Dt	400/220	2x315	630	Bus charged on 29/06/2016&ICT charged on 12/12/2016 &ICT -2 charged on 06/04/2017
		220/132	1 x 160	160	
8	URAVAKONDA Ananthapur Dt	400/220	3x315 +1x500	1445	ICT I:15/07/2016 500MVA charged on 26.05.2017 ICT II:26/07/2016
9	KAMAVARAPUKOTA (WG Dt)	400/220	2 X 315	630	Bus charged on 25/01/2017 ICI I:28/02/2017 ICT II:17/03/2017
10	GHANI (Kurmoal Dt)	400/220	3 X 500	1500	Bus Charged on 01/02/2017 ICT I:14/02/2017
11	Maradam(Garividi) (Vizianagaram Dt)	400/220	2 x 315	630	SS charged on 15/03/2018
TOTAL MVA				10335	
220 KV SUBSTATIONS					
SRIKAKULAM					
1	TEKKALI	220/132	2x100	200	31-12-2007
		132/33	2x31.5	63.00	28-12-1983
VIZIANAGARAM					
2	1.GARIVIDI	220/132	1x160+2 x 100	360.00	5-3-1992
		132/33	2x31.5	63.00	
3	2.Appayyadorapalem Swtn.Station	**	**		15/10/2015
4	3.Bobbili Growth Center	220/132	1x100	100.00	13/11/2015
VISAKHAPATNAM					
5	1.GAJUWAKA	220/132	2 X 160+1x100	420.00	26-07-1968
		132/33	1 X50	50.00	
			1x50	50.00	
6	2.VISAKHAPATNAM	220	SW. STN.		20-06-1991
7	3.PENDURTHY (Vizag-II)	220/132	2x160+1 x 100		30-03-1993/23-12-2009
		132/33	1x31.5	451.50	
8	4. DAIRY FARM	220/132	2X100	200.00	18-11-2002
		132/33	2x50	100.00	
9	5. PARWADA	220/132	3X100	300.00	29.03.2004/18-3-2010
		132/33	1x31.5+2x50	131.50	
10	6.BRANDIX (Achutapuram)	220/132	2X100	200.00	21-11-2007
		132/33	2x50+1x16	116.00	19-06-2008
11	7.GANGAVARAM(PORT)	220/33	2 x 31.5	63.00	11-12-2008
		220/132	2x100	200.00	21/03/2016
		132/33	1 x 25	25.00	23.01.2018
EAST GODAVARI					
12	1.BOMMURU	220/132	1x160+2 X 100	360.00	14-08-1976
		132/33	2X50+2X25	150.00	
13	2. KAKINADA	220/132	1X160+2x100	360.00	25-09-1997
		132/33	1x80+1X50	130.00	
14	3.PEDDAPURAM	220/132	3x100	300.00	29-09-2001 / 31-3-2008
15	4.RAMPACHODAVARAM	220/33	1X50+1x31.5	81.50	29-05-2003
16	5.BAVOJIPETA(KORUKONDA)	220 KV	Switching station		17.11.2017
WEST GODAVARI					
17	1.BHIMADOLE	220/132	2 X 100+1x160	360.00	13-01-1990
		132/33	1X50	97.50	
			1X31.5+1x16		
18	2.NIDADAVOLU	220/132	3 X 100	300.00	07-03-1999
19	3.BHIMAVARAM (UNDI)	220/132	1X160+2x100	360.00	02-02-2007
		132/33	3x31.5	94.50	
20	4.KAMAVARAPUKOTA	220/132	1X160+2x100	360.00	28-03-2007
21	5.Pattiseema LIS Sub-Station	220/11	1x60	60.00	11/08/15

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

Sl.No	NAME OF THE SS/ DISTRICT	VOLTAGE in KV	TR. CAPACITY (NO. X MVA)	TOTAL MVA	Date of Commissioning
KRISHNA					
22	1.GUNADALA (VJW)	220/132	2 X 100 +1x160	360.00	1970-1971
		132/ 33	1x80+2x 50	180.00	
23	2.KONDAPALLY (VJW)	220/132	2 X 100 +1x160	360.00	30-09-1989
		132/ 33	2x31.5+1x50	113.00	27-04-2013
24	3.NUNNA	220/132	2X100	200.00	20-01-1992/29-03-2010
		132/ 33	1x31.5+1x50	81.50	
25	4.CHILLAKALLU	220/132	3 X 100	300.00	12-03-1997/15-02-2010
		132/33	3 X 31.5	94.50	
26	5. VTS (KRISHNA)	220/33	1 X 25	25	27-04-2004
27	6. GUDIVADA (KRISHNA)	220/132	1x160+2 X 100	360.00	22-10-2004
		132/33	1x31.5+1 X50	81.50	29-03-2006
GUNTUR					
28	1.GUNTUR (TADIKONDA)	220/132	1x160+3 X 100	460.00	31-03-1992
		132/33	2x50	100.00	
29	2.TALLAPALLI	220	SW. STN.		17-07-1985
30	3.RENTACHINTALA	220/132	1X100	100.00	24-11-2008
		132/33	2 x 16	32.00	22.12.2017
31	4.NARASARAOPET	220/132	3X100	300.00	03-11-2009/ 25-01-2010
		132/33	3X31.5	94.50	02-02-2003
PRAKASHAM					
32	1.ONGOLE	220/132	1x160+2x100	360.00	21-8-1980
		132/33	1x50+1X31.5	81.50	17-7-2009
33	2.PODILI	220/33	1x31.5+1x50	81.50	30-03-1994 (Sw.St)/ 24-10-2005(SS)
		220/132	1x100	100.00	7/22/2014
34	3.MARKAPUR	220/132	3 X 100	300.00	26-08-2001
		132/33	2x31.5	63.00	6-1-2006
35	4.PARCHUR	220/132	3x100	300.00	17-05-2010
		132/33	2X16	32.00	23-08-1999
NELLORE					
36	1.NELLORE	220/132	3x160	480.00	11-12-76
		132/ 33	3x50	150.00	
37	2.SULLURPET	220/132	3 X 100	300.00	01-05-82
		132/ 33	2 x 31.5	63.00	
CHITTOOR					
38	1.CHITTOOR	220/132	1x160 + 2 X100	360.00	21-06-70
		132/33	3 x 50	150.00	
39	2.KALIKIRI	220/132	3 X100	300.00	14-08-91
		132/33	2 x 31.5+1x50	113.00	
40	3.RENIGUNTA	220/132	1x160 + 2 X100	360.00	25-11-95
		132/33	1x31.5+1 X 16	47.50	
41	4.PALAMANERU	220/132	1x100+1x160	260.00	22-10-2011
		132/33	1x50	50.00	22-10-2011
42	5.NAGIRI	220/132	3x100		15-10-2012 (30-3-1994)
		132/33	1x31.5+1x16	347.50	
43	6.RACHAGUNNERI	220/132	2x100	200.00	03-01-2014 25-11-2015 (2nd PTR)
44	7.THIMMAPURAM LIS	220/132	1X100	100.00	16/12/2015
		132/33	1X31.5	31.50	
45	8.KUPPAM	220/132	2 X 100	200.00	30/03/2017
46	9.MADANAPALLI (LIS)	220/132	2 X 100	200.00	11.12.2017
ANANTHAPUR					
47	1.GOOTY	220/132	1x160+1x 100	260.00	20-08-75
		132/33	2x31.5	63.00	
48	2.GOOTY	220	SW. STN		20-05-91
49	3.ANANTAPUR	220/132	3 X 100	300.00	31-03-95
		132/33	3x50+1x31.5	181.50	
50	4.HINDUPUR	220/132	2X 100+1x160	360.00	29-03-93
		132/33	2 x 50 +1x80	180.00	
51	5.RAMAGIRI	220/33	1X50+1x31.5	81.5	17-10-95
52	6.TADIPATHRI	220/132	2x100	200.00	29-7-2002
		132/33	2x50+1x31.5	131.5	
53	7.KALYANDURG	220/132	3x100	300	21-07-2007
		132/33	2X50+1x80	180	29-12-1986
54	8.BOYAREDDYPALLI		SW.STN		21-01-2008
55	9.REGULAPADU(LIS)	220/11	2X25	50	07-06-2011
56	10.RTSS (Gooty)	220/132	SW. STN		30-3-2012
57	11.YELLANUR LIS	220/11	1x50	50	27-3-2014
58	12.VAJRAKARUR	220/132	1x100	100	14/07/2016
59	13.BOKSAMPALLI	220/132/33	1X100+2X31.5	163	4/11/2016
60	14.SUBBARAYUNIPALLI	220/33	1X100	100	5/11/2016
61	15.GOLLAPURAM	220/132/33	1x100 + 1x 31.5+1x50	181.5	26/12/2016
62	16.BORAMPALLI	220/132	1X100	100	6/1/2017

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

Sl.No	NAME OF THE SS/ DISTRICT	VOLTAGE in KV	TR. CAPACITY (NO. X MVA)	TOTAL MVA	Date of Commissioning
KADAPA					
63	1.KADAPA	220/132	3 X 100	300.00	24-05-70
		132/33	2x50	100.00	
64	2.CHINAKAMPALLY	220/132	1x100 +1x 160	260.00	19-01-86
65	3.MYDUKUR	220/33	1X50+1x31.5	81.50	31-03-92
66	4.RAJAMPETA	220/33	2 X 31.5	63.00	28-03-93
		220/132	2x100	200.00	
67	5.YERRAGUNTLA	220/132	3 X 100	300.00	24-10-93
		132/33	2x31.5+1x16	79.00	
68	6.KODURU	220/33	2 X 31.5	63.00	15-06-97
69	7.PULIVENDULA	220/132	2X100	200.00	19-11-2009
		132/33	2x16	32.00	3/9/2011
70	8.THIMMAPURAM	220/11	1x50	50.00	3/7/2012
71	9.KONDAPURAM	220/132	2x100	200.00	13/8/2012
72	10.GADDAMVARIPALLI (LIS SS)	220/11	2X25	50.00	4/2/2017
73	11.GODDUMARRI(LIS SS)	220/11	2 X 50	100.00	15/02/2017
74	12.PORUMAMAILLA	220/132	1X100	100.00	31/03/2017
KURNOOL					
75	1.SRISAILAM	220/33	1 X 100	100.00	1969-70
76	2.A.P CARBIDES	220/132	1x160	160.00	
		220/132	2x100	200.00	19-03-89
		132/33	1x31.5+1x16	47.50	
77	3.SOMAYAJULAPALLI	220	Sw.Stn		28-03-95
78	4.NANDYALA	220/132	3 X 100	300.00	31-03-95
		132/33	2X50+1x31.5	131.50	
79	5.BRAHMANAKOTKUR(LIS)	220/11	2x25	50.00	29-10-2010
80	6.MALYALE(LIS)	220/11	1X31.5	31.50	06-01-2011
81	7.DHONE(LIS)		SW.STN		28-07-2011
82	8.KHAMBALPADU(LIS)	220/11	2X25	50.00	30-08-2011
83	9.LAKKASAGARAM(LIS)	220/11	2X25	50.00	12-10-2011
84	10.KRISHNAGIRI(LIS)	220/11	2X25	50.00	22-10-2011
85	11.SETTIPALLY(LIS)	220/11	2X25	50.00	18-11-2011
86	12.NANSURULLA(LIS)	220/11	2X25	50.00	18-11-2011
87	13.MACHUMARRI(LIS)	220/11	1X25+2X31.5	88.00	29.04.2017

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

SLNo	NAME OF THE SS/ DISTRICT	VOLTAGE in KV	TR. CAPACITY (NO. X MVA)	TOTAL MVA	COMMISSIONING/ COMPLETION
132kV Sub-Stations					
	SRIKAKULAM				
1	1.CHILAKAPALEM (Srikakulam)	132/33	1x50+1x31.5	81.50	8-12-1989
2	2.PALASA	132/33	1x31.5+1 x 16	47.50	30-09-1993
3	3.PALAKONDA	132/33	2X31.5	63.00	31-03-1994
4	4.ICHAPURAM	132/33	2 x 16	32.00	31.12.2005
5	5.PATHAPATNAM	132/33	2 x 16	32.00	25.10.2006
6	6.PYDIBHEMAVARAM	132/33	1X31.5+1x50	81.50	18-06-2010
7	7.NARASANNAPET	132/33	1X31.5	31.50	29-6-2012
8	8.RAJAM	132/33	1X16	16.00	7/2/2016
9	9.SRIKAKULAM TOWN	132/33	1X31.5+1X16	47.50	24.11.2017
	VIZIANAGARAM				
10	1.T.B VARA	132/33	2 x 16	32.00	23-11-1981
11	2.BOBBILI	132/33	1x31.5+1x50	81.50	27-03-1987
12	3.VIZIANAGARAM(vontithadi)	132/33	1 x50+1 x 31.5	81.50	31-03-1992
13	4.KOTHAVALASA	132/33	1 x 16+1x31.5	47.50	29-08-1999
14	5. PARVATHIPURAM	132/33	1x31.5+1x16	47.50	20-12-2004
15	6.GARBHAM	132/33	1X31.5+1X16	47.50	29.12.2017
16	7.SALUR	132/33	1X16	16.00	31.03.2018
	VISAKHAPATNAM				
17	1.SIMHACHALAM	132/33	3 x 16+1X31.5	79.50	Prior to
		132/33	1 x 15	15.00	1959-1960
18	2.C.F.L	132/11	2 x 30	60.00	8-12-1966
19	3.COMMON POINT	132/33	1 x 50+1 x 31.5	81.50	7-8-1987
20	4.KORUPROLU	132/33	1x31.5+1x50	81.50	19-10-1986
21	5.ARAKU	132/33	1 x15+1x16	31.00	9-12-1982
22	6.VIZAG PORT	132/33	2 x 31.5	63.00	25-11-1990
23	7.NAWAL WHARF	132/33	2 x 16	32.00	29-01-1988
24	8.KASIMKOTA	132/33	3 x 31.5	94.50	27-10-1993
25	9.PAYAKARAOPETA	132/33	1x31.5+1 x 16	47.50	14-10-1992
26	10.NAKKAVANIPALEM	132/33	1x80+1 x 50	130.00	30-12-1993
27	11.ANANDAPURAM	132/33	2x 16+1x31.5	63.50	12-6-2002
28	12. DGNP	132	Sw.St.	Sw.St.	19-12-2003
29	13. VSEZ	132/33	2x31.5	63.00	03-06-2010
30	14.NARSIPATNAM	132/33	2X10/16	32.00	30/10/2015
31	15.NARASINGABILLI	132/33	1 X 16	16.00	30/06/2016
32	16.MALKAPURAM	132/33	1 X 16	16.00	19/10/2016
33	17.CHODAVARAM	132/33	2X16	32.00	31.03.2018
34	18.PEDA WALTAIR (Hybrid GIS)	132/33	1x31.5	31.50	06.01.2018
	EAST GODAVARI				
35	1.PEDDAPURAM	132/33	3 x 31.5	94.50	1965-1966
36	2.RAMACHANDRAPURAM	132/33	2 x 31.5	63.00	18-09-1981
		132/33	1 x 31.5	31.50	
37	3.AMALAPURAM	132/33	1x50+1 x 31.5	81.50	11-7-1988
38	4.A.P PAPER MILLS (RJY)	132/33	3 x 50	150.00	1-1-1989
39	5.PRATHIPADU	132/33	2x31.5+1X16	79.00	31-03-1993
		132/11	1x16	16.00	
40	6. RAZOLE	132/33	2 x31.5	63.00	29-01-2001
41	7.RAJAGANARAM	132/33	2X31.5	63.00	25-09-2009
42	8.EDITHA	132/33	2X31.5	63.00	30-07-2010
43	9 PITAPURAM	132/33	1X31.5+1x16	47.50	31/8/2013
44	10. KOTHAPETA	132/33	2X31.5	63.00	9/20/2013
45	11.PRATAPNAGAR	132/33	2X31.5	63.00	21-11-2013
46	12.RVK SWITCHING STATION(33KV FEATURES)	132/33	1X31.5	31.50	1/7/2015
47	13.SILK ROAD SUGARS	132/33	2X25	50.00	9/12/2015 2nd PTR Charged on 03/11/2016
48	14.BICCAVOLU	132/33	1 X 16+1X25	41.00	20/11/2016
49	15.YERNAGUDEM	132/33	1X31.5	31.50	28.12.2017
	WEST GODAVARI				
50	1.KAMAVARAPU KOTA	132/33	4 x 31.5	126.00	30-01-1981
		132/11	1 x 15	15.00	
51	2.BHIMAVARAM	132/33	2 x 50+1X31.5	131.50	11-1986
52	3.KOVVURU	132/33	2X31.5	63.00	31-12-1990
53	4.TANUKU	132/33	1 x 31.5+1 x 25+1x50	106.50	13-10-1992
54	5.JANGAREDDYGUDEM	132/33	2 x 31.5+1x50	113.00	31-01-1993
55	6.PEDATADEPALLI	132/33	2x50+1x31.5	131.50	29-03-1993
56	7.ELURU	132/33	1x50+1x80	130.00	08-12-1992
57	8.NARSAPURAM	132/33	2x31.5	63.00	29-09-1999
58	9.SAGGONDA	132/33	2x31.5+1 x 16	79.00	19-03-2004
59	10. CHINTALAPUDI	132/33	1x31.5+1x50	81.50	08-03-2005
60	11.NALLAJERLA	132/33	2x50	100.00	29-12-2005
61	12.PEDAVEGI	132/33	2x31.5	63.00	10-03-2006
62		132/33	3X50	150.00	30-11-1967
	13.NIDADAVOLU	132/33			
63	14. PENUGONDA	132/33	2X16	32.00	6/26/2014

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

SL.No	NAME OF THE SS/ DISTRICT	VOLTAGE in KV	TR. CAPACITY (NO. X MVA)	TOTAL MVA	COMMISSIONING/ COMPLETION
	KRISHNA				
64	1.KANUMOLU	132/33	2x 31.5	63.00	05-03-1978
65	2.PAMARRU	132/33	1 x 31.5+1x50	81.50	05-04-1978
66	3.NUZIVEDU	132/33	3x50	150.00	29-08-1978
67	4.MACHILIPATNAM	132/33	2 x 31.5	63.00	17-12-1993
68	5.VIJAYAWADA (VJW)	132/33	2x50	100.00	28-01-1994
69	6.GANGOOR	132/33	1x50+1x31.5	81.50	30-12-2000
70	7. BHAVANIPURAM	132/33	1x 31.5	31.50	31/07/2016
71	8. KHAMBAMPADU	132/33	2 x 31.5	63.00	08-07-2004
72	9.NANDIGAMA	132/33	1 x 31.5+1 x 16	47.50	09-08-2006
73	10.AVANIGADDA	132/33	1x31.5+1X16	47.50	31-03-2010
74	11.AUTO NAGAR	132/33	1x50+1X31.5	81.50	21/5/2013
75	12.CHIGURUKOTA	132/33	1 X 10/16+1X31.5	47.50	4/10/2016
76	13.RANGANNAGUDEM	132/33	1 X 10/16+1X 31.5	47.50	21/11/2016
	GUNTUR				
77	1.GUNTUR	132/33	3 x 50	150.00	28-02-1977
78	2.TADEPALLI	132/33	2x31.5	63.00	Prior to
		132/33	1 x 50	50.00	1959-1960
79	3.BAPATLA	132/33	1x31.5+2 x 16	63.50	29-11-1978
80	4.MACHERLA	132/33	2x50	100.00	29-12-1975
81	5.PIDUGURALLA	132/33	1x50+1X31.5	81.50	30-03-1984
82	6.CHILAKALURIPETA	132/33	3x50	150.00	27-12-1987
83	7.TENALI	132/33	1x50+1X31.5	81.50	20-08-1993
84	8.REPALLE	132/33	2x31.5	63.00	30-12-1993
85	9.VINUKONDA	132/33	2x31.5	63.00	30-08-1999
86	10.NALLAPADU	132/33	3X31.5	94.50	17-08-2008
87	11.MARRIPALEM	132/33	2x31.5	63.00	24-01-2009
88	12.TANGEDA	132/33	1X16	16.00	26-08-2010
		132/33	2X31.5	63.00	(28-12-2012)
89	13.KARAMPUDI	132/33	2X31.5	63.00	19-07-2010
90	14. RENTAPALLA	132/33	1x31.5+1X 16	47.50	27/6/2013
91	15.GAJJANAGUNDLA	132/33	2X31.5	63.00	31/7/2013
92	16.CHAKRAYAPALEM	132/33	2X16	32.00	28/03/2016
93	17.YADAVALLI	132/33	1X15	15.00	29.03.2018
	PRAKASHAM				
94	1.ONGOLE	132/33	2X16	32.00	1963-1964
95	2.CUMBUM	132/33	1 X 16+2x31.5	79.00	27-02-1974
96	3.KANIGIRI	132/33	2X31.5	63.00	25-07-1990
97	4.CHIRALA	132/33	2 X31.5+1X16	79.00	13-06-1993
98	5.ERRAGONDAPELEM	132/33	1x50+1X31.5	81.50	31-03-1994
99	6. KANDUKUR	132/33	1x31.5+1 X 50	81.50	29-05-1996
100	7.GIDDALUR	132/33	2x31.5	63.00	13-08-1997
101	8.MEDARAMETLA	132/33	2x31.5	63.00	19-03-2001
		132/11	1x16	16.00	
102	9.PEDDADORNALA	132/33	2x16	32.00	31-03-2008
103	10.INKOLLU	132/33	2 X 10/16	32.00	31-03-2008 Trs charged on 26/11/2016
104	11.MARTUR	132/33	1x50+1x31.5	81.50	02-10-2008
105	12.PAMURU	132/33	1X31.5+1x16	47.50	18-07-2010
106	13.TANGUTURU	132/33	1x31.5+1x16	47.50	31-3-2012
107	14.ADDANKI	132/33	1X31.5+1x16	47.50	11-01-2014
108	15.LINGASAMUDRAM	132/33	1X16	16.00	25/09/2014
109	16.DARSI	132/33	1X31.5	31.50	24/09/2014
110	17.KESINENIPALLY	132/33	1X31.5+1X16	47.50	23-06-2015 08-10-2015
	NELLORE				
111	1.NELLORE SOUTH (NAVLAC GARDEN)	132/33	2x31.5+1x50	113.00	23-11-1981
		132/11	1 X 16	16.00	
112	2.VENKATAGIRI	132/33	2x31.5	63.00	24-09-1992
113	3.SRIHARIKOTA	132/11	2 X 16	32.00	18-11-1978
114	4.GUDUR	132/33-11	2 X 16+1x25+1X31.5	88.50	10-7-1980
115	5.ATMAKUR	132/33	2x31.5	63.00	19-02-1988
116	6.KAVALI	132/33	1x31.5+1x50	81.50	22-12-1980
117	7.CHENDODU	132/33	1x50+1x31.5	81.50	11-12-1991
118	8.ALLURU	132/33	2x31.5	63.00	16-03-2001
119	9.UDAYAGIRI	132/33	3 X 16	48.00	07-12-2001
120	10. ADURUPALLI	132/33	3 X 16	48.00	9-10-2004
121	11. BRAHMADEVAM	132/33	1x16+1x31.5	47.50	31-3-2005
122	12.NAIDUPET	132/33	1x50+1X31.5	81.50	03-08-2005
123	13.NTS	132/33	3x31.5	94.50	01-01-2006
124	14.MENAKURU	132/33	1X31.5	31.50	21-12-2012
125	15.RAPUR	132/33	1X16	16.00	06.03.2018
	CHITTOOR				
126	1.PALAMANERU	132/33	1x16+1x31.5	47.50	24-10-1983
127	2.PUTTUR	132/33	2 X 31.5	63.00	12-6-1982
		132/11	1 X16	16.00	
128	3.TIRUPATHI	132/33	2x50	100.00	12-11-1986
		132/11	1 X 16	16.00	
129	4.PAKALA	132/33	2x31.5	63.00	4-2-1990

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

SLNo	NAME OF THE SS/ DISTRICT	VOLTAGE in KV	TR. CAPACITY (NO. X MVA)	TOTAL MVA	COMMISSIONING/ COMPLETION
130	5.SRIKALAHASTI	132/33	1x50+2x31.5	113.00	31-03-1987
131	6.MADANAPALLY	132/33	1x50+1 X 31.5	81.50	10-8-1986
132	7.SHANTIPURAM	132/33	1x50+1X31.5	81.50	04-01-1993
133	8.KOTHAPALLI MITTA	132/33	2x50	100.00	16-06-1997
134	9.CHANDRAGIRI	132/33	1x31.5+1x16	47.50	8-11-1998
135	10.BURAKAYALAKOTA	132/33	1x31.5+1x50	63.00	27-03-1999
136	11.ROMPACHERLA	132/33	2x31.5	63.00	06-07-1999
137	12. KUPPAM	132/33	1x50+1x31.5	81.50	24-08-2000
138	13.PUNGANURU	132/33	1x50+1X31.5	81.50	19-03-2001
139	14.GURRAMKONDA	132/33	2x31.5	63.00	26-11-2005
140	15.NAGALAPURAM	132/33	1x31.5+1X16	47.50	29.3.2007(TC)
141	16.IRALA	132/33	2X16	32.00	02-12-2009
142	17.SOMALA	132/33	1x31.5+1X16	47.50	31-3-2012
143	18.TIRUMALA	132/33	1X16	16.00	31-3-2012
144	19.CHERVI	132/33	1x31.5+1X16	47.50	16/09/2015
145	20.SIVARAMPURAM LIS SS	132/33	2X31.5	63.00	4/3/2016
146	21.B.KOTHAKOTA	132/33	1X16	16.00	26/03/2016
147	22.ALIPIRI	132/33	1X10/16+1X31.5	47.5	21/09/2016
148	23.BANDLAVANDLAPALLI(LIS SS)	132/33	2X10/16	32.00	27/10/2016
149	24.NOONEGUNDLAPALLI	132/33	1X31.5	31.50	20.07.2017
ANANTHAPUR					
150	1.DHARMAVARAM	132/33	3x31.5+1X16	110.50	10-11-1970
151	2.JAMMALABANDA	132/33	2X31.5	63.00	30-09-1994
152	3.PUTTAPARTHY	132/33	1x31.5+1x50	81.50	22-11-1993
153	4.KADIRI	132/33	2x50	100.00	02-07-1984
154	5.GUNTAKAL	132/33	2x31.5	63.00	31-03-1988
155	6.RAYADURG	132/33	2x50	100.00	30-07-1998
156	7.KOMATIKUNTA	132/33	2x31.5	63.00	26-07-2003
157	8.URAVAKONDA	132/33	2x31.5	63.00	29-11-2007
158	9.THUMKUNTA	132/33	3X50	150.00	26-12-2010
159	10.ANKAMPALLY (LIS)	132/11	3X16	48.00	16-03-2011
160	11.KOMALI (Sw Stn)	132/33			7/12/2012
161	12.THANAKALLU	132/33	2X16	32.00	21/12/2013
162	13.OBULAPURAM	132/33	1X31.5	31.50	3/12/2015
163	14.JEEDIPALLI	132/6.6	2X10	20.00	1/12/2016
164	15.KOTHAPALLI (LIS SS)	132/33	2X15	30.00	11/2/2017
165	16.MALLAYYAGARIPALLI(LIS SS)	132/33	2X16	32.00	11/2/2017
166	17.LEPAKSHI (LIS)	132/33	2X10/16	32.00	27.11.2017
167	18.TATICHERLA	132/33	1X31.5	31.50	28.12.2017
168	19.MADAKASIRA (LIS)	132/33	2X10/16	32.00	05.02.2018
169	20.TADIMARRI	132/33	1X31.5	31.50	30.03.2018
12.KADAPA					
170	1.BADWEL	132/33	3 x 16	48.00	10-07-1993
171	2.PULIVENDULA	132/33	2 x 31.5	63.00	29-12-1986
172	3.PRODDUTUR	132/33	1 x 31.5+1x16	47.50	17-09-1989
173	4.RAYACHOTI	132/33	1x 31.5+1x50	81.50	31-03-1992
174	5.VONTIMITTA	132/33	2 x 16	32.00	05-07-2000
175	6.BALAPANUR	132/33	2x31.5	63.00	26-10-2000
176	7.THIMMAYAGARIPALLI	132/33	3 x 16	48.00	12-04-2001
177	8. JAMMALAMADUGU	132/33	1x31.5+1 x 16	47.50	28-03-2005
178	9. VEMPALLI	132/33	2x31.5+1x16	79.00	31-03-2005
179	10.PORUMAMILLA	132/33	2x31.5	63.00	22-10-2005
180	11.KONDAPURAM	132/33	1x31.5+1x16	47.50	30-3-2008
181	12.MOOLAVANKA	132/33	1 x 31.5+2 x 16	63.50	20-02-2009
182	13.SAMBEPALLE	132/33	3X16	48.00	04-06-2011
183	14.RTSS KADAPA		SWT.STN		12-11-2010
184	15.RTSS MUDDANUR		SWT.STN		2/9/2011
185	16.GANDIKOTA (GKLIS)	132/11	2x25	50.00	24-11-2011
186	17.LINGALA	132/33	3x16	48.00	30-1-2012
187	18.DUVVUR	132/33	1 x 31.5+1 x 16	47.50	26/08/2015
13.KURNOOL					
188	1.KURNOOL	132/33	1 x 31.5+1 x 16	47.50	18-04-1970
		132/11	1 x 16	16.00	
189	2.CEMENT NAGAR	132/33	2 x 16	32.00	22-05-1981
190	3.ALLAGADDA	132/33	1 x 31.5+1x50	81.50	29-12-1994
191	4.ADONI	132/33	2 x 31.5+1x16	79.00	21-11-1978
		132/11	1 x16	16.00	
192	5.DHONE	132/33	2 x 31.5	63.00	24-06-1993
193	6.ATMAKUR	132/33	2x 16	32.00	13-03-1994
194	7.YEMMIGANUR	132/33	1x50+1 x 31.5	81.50	24-05-1996
195	8.PATHIKONDA	132/33	1 x 31.5+1 x 16	47.50	30-12-1998
196	9. GUDUR	132/33	2 x 16	32.00	22-03-2004
197	10.AKKIREDDYPALLI	132/33	2x50	100.00	29-11-2005
198	11.BANAGANAPALLI	132/33	3 x 16	48.00	31-03-2006
199	12.NANDIKOTKUR	132/33	2 x 31.5	63.00	26-12-2008
200	13.SRISAILAM	132/33	2X16	32.00	30-10-2009
201	14.RACHARLA	132/33	1X16	16.00	31-3-2010
202	15.ANKIREDDYPALLI	132/33	2X16	32.00	07-03-2010
203	16.MUDIGEDU	132/33	31.5	31.50	3/29/2014
204	17.ALURU	132/33	1X31.5	31.50	25/01/2016
205	18.MANTRALAYAM	132/33	1X16	16.00	07.08.2017

*132KV Inkollu Switching station was upgraded to 132/33KV Sub station on 26/11/2016

*132/6.6 KV BHAVANIPURAM SS(Pump house)Belongs to APGENCO.Charged on 14/09/2003(Hence deleted)

7.1 EHV SUB-STATIONS COMMISSIONED DURING 2017-18					
S.No	Name of the Sub-station	District	Capacity		Date of charging
A)	400 kV Sub - Stations				
1	400/220 KV Maradam SS(Garividi)	Vizianagaram	2 x 315	630.00	Substation charged on 15/03/2018 ICT -I on 15/03/2018 & ICT-II
B)	220 kV Sub - Stations				
1	220/11 KV LIS SS at Machumarri	Kurnool	1x25+2x31.5	88.00	PTR-I charged on 29-04-2017, PTR I on 01/08/17 & PTR II
2	220 KV Switching station at Bavojipeta(Korukonda)	East Godavari			17/11/2017
3	220/132KV SS at Madanapalli (LIS Sub-station)	Chittoor	2x100	200.00	11/12/2017
C)	132/33kV Sub-stations				
1	132/33 KV SS at Manthralayam	Kurnool		16.00	7/8/2017
2	132/33 KV LIS SS Lepakshi	Ananthapur	2x10/16	32.00	27/11/2017
3	132/33 KV SS at Srikakulam town	Srikakulam	1x31.5+1x16	47.50	24/11/2017
4	132/33 KV SS Yernagudem	East Godavari	1x31.5	31.50	28/12/2017
5	132/33KV SS Garbham	Vizianagaram	1x31.5+1x16	47.50	29/12/2017
6	132/33 KV SS Taticherla	Ananthapur	1x31.5	31.50	28/12/2017
7	132/33KV SS Pedda waltair (Hybrid GIS)	Visakhapatnam	1 x 31.5	31.50	6/1/2018
8	132/33 KV Madakasira (LIS) SS	Ananthapur	2x10/16	32.00	5/2/2018
9	132/33KV SS Rapur	Nellore	1 x 16	16.00	6/3/2018
10	132/33KV SS Yadavalli	Guntur	1 x 15	15.00	29/3/2018
11	132/33KV SS Tadimarri	Ananthapur	1x31.5	31.50	30/3/2018
12	132/33KV SS Salur	Vijayanagaram	1 x 16	16.00	31/3/2018
13	132/33KV SS Chodavaram	Visakhapatnam	2x16	32.00	31/3/2018
14	132KV SS Biccavolu	East Godavari	1x16+1x25	25.00	25MVA Charged on 26/09/2017

7.2 33/11 KV SUB-STATIONS COMMISSIONED DURING THE YEAR 2017-18

Sl.No	Discom/ District	Name of the 33/11 KV Sub-Station	Funding Agency	Power Transformer Capacity (in MVA)	Date of Commissioned
EPDCL					
1	Srikakulam	Lolugu	DDUGJY	1X5	18/Sep/17
2	Srikakulam	Kosta	DDUGJY	1X5	18/Sep/17
3	Srikakulam	Devadi	DDUGJY	1x5	10/Oct/17
4	Srikakulam	Kotha Agraharam	DDUGJY	1X5	10/Oct/17
5	Srikakulam	Kalingapatnam	DDUGJY	1X5	2/Nov/17
6	Srikakulam	Kinjangi	DDUGJY	1X5	6/Nov/17
7	Srikakulam	Edupuram	DDUGJY	1X5	30/Nov/17
8	Srikakulam	Kasibugga	IPDS	1X5	27/Dec/17
9	Srikakulam	Gollaseethampuram	DDUGJY	1X5	14/Feb/18
10	Srikakulam	Bhusabadra	DDUGJY	1X5	16/Mar/18
11	Vizianagaram	Vuda Colony	IPDS	1X5	19/Jul/17
12	Vizianagaram	Gollapalli	IPDS	1X5	21/Jul/17
13	Vizianagaram	TK Palli	DDUGJY	1X5	25/Sep/17
14	Vizianagaram	Ramteertham	DDUGJY	1X5	27/Sep/17
15	Vizianagaram	Gangareguvalasa	DDUGJY	1X5	11/Oct/17
16	Vizianagaram	Penta	DDUGJY	1X5	22/Nov/17
17	Vizianagaram	Narasimhuni Peta	DDUGJY	1X5	18/Dec/17
18	Vizianagaram	YS Valasa	DDUGJY	1X5	23/Dec/17
19	Vizianagaram	Pushapatireta	DDUGJY	1X5	23/Jan/18
20	Vizianagaram	Chinakuduma	DDUGJY	1X5	21/Mar/18
21	Vizianagaram	S.Kota SS-2	DDUGJY	1X5	23/Mar/18
22	Visakhapatnam	Airport Quarters	IPDS	2X5	7/Jun/17
23	Visakhapatnam	Gavarapalem	IPDS	1X5	8/Jun/17
24	Visakhapatnam	Kommadi	IPDS	1X5	30/Jun/17
25	Visakhapatnam	MMTC	IPDS	2X5	7/Jul/17
26	Visakhapatnam	Collector Office	IPDS	2X5	3/Aug/17
27	Visakhapatnam	ASR Nagar	IPDS	1X5	22/Aug/17
28	Visakhapatnam	Chepaluppada	IPDS	1X5	22/Aug/17
29	Visakhapatnam	Pithapuram Colony	IPDS	1X5	13/Sep/17
30	Visakhapatnam	Chinamushidiwada	DDUGJY	1X5	20/Sep/17
31	Visakhapatnam	Pedagumuluru	DDUGJY	1X5	28/Oct/17
32	Visakhapatnam	Dakamarri	DDUGJY	1X5	1/Nov/17
33	Visakhapatnam	Revidi	DDUGJY	1X5	1/Nov/17
34	Visakhapatnam	KJ Puram	DDUGJY	1X5	20/Nov/17
35	Visakhapatnam	Polipalli	DDUGJY	1X5	20/Nov/17
36	Visakhapatnam	Gambheeram	DDUGJY	1X5	29/Nov/17
37	Visakhapatnam	Sontyam	DDUGJY	1X5	29/Nov/17
38	Visakhapatnam	Rampuram	DDUGJY	1X5	29/Nov/17
39	Visakhapatnam	Palamanpeta	DDUGJY	1X5	20/Dec/17
40	Visakhapatnam	Purushottampuram	DDUGJY	1X5	20/Dec/17
41	Visakhapatnam	VIP Road	DDUGJY	1X5	11/Jan/18
42	Visakhapatnam	Govt.Hospital (Neelampeta)	IPDS	1X5	20/Jan/18
43	Visakhapatnam	Thattabandha	DDUGJY	1X5	20/Jan/18
44	Visakhapatnam	M Koduru	DDUGJY	1X5	30/Jan/18
45	Visakhapatnam	Vanthadapalli	DDUGJY	1X5	30/Jan/18
46	Visakhapatnam	Godicherla	DDUGJY	1X5	17/Feb/18
47	East Godavari	Muramalla	DDUGJY	1X5	7/Jul/17

Sl.No	Discom/ District	Name of the 33/11 KV Sub-Station	Funding Agency	Power Transformer Capacity (in MVA)	Date of Commissioned
48	East Godavari	GGH	IPDS	1X5	18/Sep/17
49	East Godavari	Chollangi	DDUGJY	1X5	18/Sep/17
50	East Godavari	Chodavaram	DDUGJY	1X5	20/Sep/17
51	East Godavari	Sanipallilanka	DDUGJY	1X5	11/Oct/17
52	East Godavari	Balayogi Ghat	IPDS	1X5	12/Oct/17
53	East Godavari	Balajipeta	IPDS	1X5	24/Oct/17
54	East Godavari	Torredu	DDUGJY	1X5	31/Oct/17
55	East Godavari	Magatapalli	DDUGJY	1X5	13/Nov/17
56	East Godavari	Vadisaleru	DDUGJY	1X5	20/Nov/17
57	East Godavari	Anuru	DDUGJY	1X5	20/Nov/17
58	East Godavari	Kondagunturu	DDUGJY	1X5	30/Nov/17
59	East Godavari	Devagupam	DDUGJY	1X5	4/Jan/18
60	East Godavari	Indrapalem	IPDS	1X5	30/Jan/18
61	East Godavari	Velangi	DDUGJY	1X5	30/Jan/18
62	East Godavari	Annayyapeta	DDUGJY	1X5	15/Feb/18
63	East Godavari	Jampeta	IPDS	1X5	16/Feb/18
64	East Godavari	MR College	IPDS	1X5	16/Feb/18
65	East Godavari	Anaparthi Rural	DDUGJY	1X5	8/Mar/18
66	East Godavari	K.O.Mallavaram	DDUGJY	1X5	12/Mar/18
67	East Godavari	Konapapapeta	DDUGJY	1X5	19/Mar/18
68	East Godavari	Gangalakurru	DDUGJY	1X5	28/Mar/18
69	East Godavari	Billakurru	DDUGJY	1X5	30/Mar/18
70	East Godavari	Narendrapuram	DDUGJY	1X5	31/Mar/18
71	West Godavari	Santosh Nagar	IPDS	2X5	19/Jun/17
72	West Godavari	Chinakapavaram	DDUGJY	1X5	22/Jun/17
73	West Godavari	Sajjapuram (Tanuku)	IPDS	1X5	30/Jun/17
74	West Godavari	Kondaya Cheruvu (TP Gudem)	IPDS	1X5	3/Jul/17
75	West Godavari	Market Yard (Placole)	IPDS	1X5	19/Jul/17
76	West Godavari	Edupuram (Elurupadu)	DDUGJY	1X5	28/Aug/17
77	West Godavari	Devaragondi	DDUGJY	2x5	29/Aug/17
78	West Godavari	Pullapadu	DDUGJY	1X5	12/Oct/17
79	West Godavari	Alamuru	DDUGJY	1X5	13/Oct/17
80	West Godavari	Devinenivarigudem	DDUGJY	1X5	25/Oct/17
81	West Godavari	Rajivenagar	DDUGJY	1X5	17/Nov/17
82	West Godavari	Bodegudem	DDUGJY	1X5	29/Nov/17
83	West Godavari	Munduru	DDUGJY	1X5	30/Nov/17
84	West Godavari	Jogannapalem	DDUGJY	1X5	30/Nov/17
85	West Godavari	Thyajampudi	DDUGJY	1X5	11/Dec/17
86	West Godavari	Annadevarapeta	DDUGJY	1X5	12/Jan/18
87	West Godavari	Penumadam	DDUGJY	1X5	30/Jan/18
88	West Godavari	Ungutur	DDUGJY	1X5	16/Feb/18
89	West Godavari	Kaikaram	DDUGJY	1X5	16/Feb/18
90	West Godavari	Mallavaram	DDUGJY	1X5	19/Feb/18
91	West Godavari	Pedaguruvu	DDUGJY	1X5	27/Feb/18
92	West Godavari	Agarthapalem	DDUGJY	1X5	16/Mar/18
93	West Godavari	Gollalakoderu	DDUGJY	1X5	16/Mar/18
94	West Godavari	CT Palli-I	DDUGJY	1X5	21/Mar/18
95	West Godavari	Madhayannapurvarigudem	DDUGJY	1X5	22/Mar/18
96	West Godavari	Pathamupparu	DDUGJY	1X5	23/Mar/18
SPDCL					
1	Krishna	Varahapatnam	DDUGJY	1X5	2/Jun/17
2	Krishna	Komaravolu	DDUGJY	1X5	23/Aug/17
3	Krishna	Nuzvidu	IPDS	2X8	26/Aug/17
4	Krishna	Mangolu	DDUGJY	1X5	21/Sep/17
5	Krishna	Jaggiahpetta		2x8	27/Oct/17
6	Krishna	Kothamajeru	DDUGJY	1X5	25/Nov/17
7	Krishna	Pedaverivada	T&D	1x5	7/Dec/17
8	Krishna	SBI Colony	IPDS	2x8	27/Dec/17
9	Krishna	Cheepurugudem	DDUGJY	1X5	6/Jan/18
10	Krishna	Pedana	IPDS	1X5	5/Feb/18
11	Krishna	Prodduturu	DDUGJY	1X5	24/Mar/18
12	Prakasham	Sankarapuram	REC	1X5	29/Apr/17
13	Prakasham	B.K. Padu	REC	1X5	20/May/17
14	Prakasham	Viswanadhapuram	REC	1X5	17/May/17

Sl.No	Discom/ District	Name of the 33/11 KV Sub-Station	Funding Agency	Power Transformer Capacity (in MVA)	Date of Commissioned
15	Prakasham	Lakkavaram	REC	1X5	10/Jul/17
16	Prakasham	Papinenipalli	REC	1X5	12/Jul/17
17	Prakasham	Ponugodu	REC	1X5	24/Jul/17
18	Prakasham	Darakanipadu	REC	1X5	11/Aug/17
19	Prakasham	Chinthala (Sattu Thanda)	REC	1x5	28/Dec/17
20	Chittoor	Semi Indoor SS at Indira Nagar	IPDS	2x8	20/Apr/17
21	Chittoor	Kalava gunta SS	DDUGJY SCHEME	1X5	18/May/17
22	Chittoor	Obulaya palli SS	DDUGJY SCHEME	1X5	18/May/17
23	Chittoor	SS Melapattu	DDUGJY	1X5	11/Oct/17
24	Chittoor	Puttur Operation	DDUGJY	1x5	29/Nov/17
25	Chittoor	33/11kv SS at Indoor	IPDS	1x5	27/Jan/18
26	Chittoor	SS at Thalambedu	DDUGJY SCHEME	1X5	22/Feb/18
27	Chittoor	SS at Mangalam	IPDS	1X5	5/Mar/18
28	Kadapa	Jillela	DDUGJY SCHEME	1x5	22/May/17
29	Kadapa	Pagadalapalli	DDUGJY SCHEME	1X5	2/Jun/17
30	Kadapa	Kulluru	DDUGJY	1X5	13/Jul/17
31	Kadapa	Yenamalachintala	DDUGJY	1X5	13/Jul/17
32	Kadapa	Anantharajupeta	DDUGJY	1X5	11/Sep/17
33	Kadapa	Saraswathipuram	DDUGJY	1x5	6/Dec/17
34	Kadapa	Estate II	DDUGJY	1x5	13/Dec/17
35	Kadapa	Kattakindapalli	DDUGJY	1X5	9/Feb/18
36	Kadapa	Badvel Town	IPDS	1X5	28/Mar/18

No.of 33/11KV Sub-stations commissioned during 2017-18 upto 31-03-2018 : 132 Nos.

7.3 (A) 132 kV, 30 MVAR CAPACITOR BANKS / COMMISSIONED DURING 2017-18				
Sl.No.	Name of the Substation(District)	Capacity in MVAR	Make	Date of Commissioning
	NIL			

7.3 (B) 33 kV CAPACITOR BANKS COMMISSIONED DURING 2017-18				
Sl.No.	Name of the Substation(District)	Capacity in MVAR	Make	Date of Commissioning
VISAKHAPATNAM ZONE				
1	132 KV SS Kasimkota in Visakhapatnam Dt	7.2	ABB	20.07.2017
2	220/132/33KV Dairy Farm in Visakhapatnam Dt	14.4	ABB	01.12.2017
VIJAYAWADA ZONE				
	NIL			
KADAPA ZONE				
1	132 KV SS K.P Mitta in Chittoor Dt	14.4	ABB	10.04.2017
2	132 KV SS Irala in Chittoor Dt	14.4	ABB	27.11.2017
3	132KV SS Santhipuram in Chittoor Dt	7.2	ABB	03.08.2017
4	132KV SS Madanapalli in Chittoor Dt	7.2	ABB	27.07.2017
TOTAL MVAR		64.8	MVAR	

**7.3 -(C) 33kV SHUNT CAPACITOR BANKS
COMMISSIONED
YEAR WISE 1984-85 to 2017-18**

Sl.No	Year	Capacitor Banks Commissioned Nos	Capacity MVAR
1	1984-85	28	160
2	1985-86	2	10
3	1986-87	12	60
4	1987-88	10	50
5	1988-89	2	10
6	1989-90	24	120
7	1990-91	46	230
8	1991-92	22	125
9	1992-93	37	215
10	1993-94	58	315
11	1994-95	14	75
12	1995-96	16	130
13	1996-97	21	145
14	1997-98	43	245
15	1998-99	73	420
16	1999-2K	26	140
17	2000-01	28	145
18	2001-02	6	30
19	2002-03	11	55
20	2003-04	2	10
21	2004-05	7	35
22	2005-06	2	10
23	2006-07	32	160
24	2007-08	3	15
25	2008-09	1	5
26	2009-10	0	0
27	2010-11	0	0
28	2011-12	6	30
29	2012-13	5	31.6
30	2013-14	0	0
31	2014-15*	0	0
32	2015-16	3	21.6
33	2016-17	19	144
34	2017-18	6	64.8
* Residual AP			

AUGMENTATION OF TRANSFORMER CAPACITY DURING 2017-18						
Sl. No.	Name of the Sub-station	District	Existing (MVA)	Augmented (MVA)	Net increase Trans-former capacity (MVA)	Date of charging
AUGMENTATION OF TRANSFORMER CAPACITY AT 400 KV SUB-STATIONS						
1	400 KV SS Vemagiri	EG Dist	2x315	3 x 315	315	14/4/2017
TOTAL 1					315.0	
AUGMENTATION OF TRANSFORMER CAPACITY AT 220 KV SUB-STATIONS						
1	220KV SS Samalkota	EG Dist	2x100	3x100	100.00	15/7/2017
2	220KV SS KAMAVARAPUKOTA	WG Dist	3x100	1X160+2X100	60.00	26/10/2017
3	220 KV SS Kakinada	EG Dist	3x100	1X160+2X100	60.00	26/11/2017
4	220 KV SS Parawada	Visakhapatnam	2x100	3x100	100.00	11/12/2017
5	220KV SS Undi	west Godavari	3x100	1X160+2X100	60.00	12/12/2017
TOTAL 2					380.0	
220/132/33kV features at 220 kV Sub-stations						
1	220 KV SS Nandyal	Kurnool	2 x 50	2 x 50+1x31.5	31.50	6/6/2017
2	220 KV SS Narasaraopet	Guntur	2x31.5	3x31.5	31.50	8/4/2017
3	220 KV SS Ananthapur	Ananthapur	3x50+1x16	3x50+1x31.5	15.50	12/22/2017
4	220KV SS Gooty	Kurnool	1x31.5+1x16	2x31.5	15.50	12/27/2017
5	220 KV SS Gunadala	Krishna	3x50	1x80+2x50	30.00	3/25/2018
TOTAL 3					124.0	
AUGMENTATION OF TRANSFORMER CAPACITY AT 132 KV SUB-STATIONS						
1	132 KV SS Bheemavaram	west Godavari	2 x 50	2 x 50+1x31.5	31.50	4/27/2017
2	132KV SS Guntakal	Ananthapur	1x31.5+1x16	2x31.5	15.50	5/12/2017
3	132 KV SS Simhachalam	Visakhapatnam	4x16+1x15	1x31.5+3x16+1x15	15.50	6/7/2017
4	132KV SS Pathipadu	East Godavari	2x31.5	2x31.5+1x16	16.00	7/6/2017
5	132KV SS Chigurukota	Krishna	2x16	1x31.5+1x16	15.50	7/18/2017
6	132KV SS Kamavarapukota	West godavari	3x31.5	4x31.5	31.50	7/21/2017
7	132KVSS NTS	Nellore	2x31.5+1x16	3x31.5	15.50	8/8/2017
8	132KVSS Gujjanagundla	Guntur	1x31.5+1x16	2x31.5	15.50	10/10/2017
9	132 KVSS Lingala	YSR Kadapa	2x16	3x16	16.00	10/13/2017
10	132 KV SS Venkatagiri	SPSR Nellore	1x31.5+1x16	2x31.5	15.50	10/25/2017
11	132 KV SS Gudur	SPSR Nellore	2x16+1x25	1x31.5+1x25+1x16	15.50	11/17/2017
12	132 KV SS Dharmavaram	Ananthapur	2x16+2x31.5	1x16+3x31.5	15.50	12/26/2017
13	132KV SS Nallapadu	Guntur	2x31.5	3x31.5	31.50	3/25/2018
TOTAL 4					250.50	
TOTAL 132 kV,220 kV & 400 kV (Only Augmentation)					1069.50	

7.5 SUBSTATIONS (DISTRICT WISE) AS ON 31-03-2018						
S.No.	Name of the District	No. of Sub-stations				
		400 kV	220 kV	132 kV	33 kV	Total
APEPDCL						
1.	Srikakulam	0	1	9	98	108
2.	Vizianagaram	1	3	7	103	114
3.	Visakhapatnam	1	7	18	186	212
4.	East Godavari	1	5	15	187	208
5.	West Godavari	1	5	14	246	266
Total for EPDCL		4	21	63	820	908
APSPDCL						
6.	Krishna	0	6	13	241	260
7.	Guntur	1	4	17	229	251
8.	Prakasam	0	4	17	263	284
9.	Nellore	1	2	15	241	259
10.	Chittoor	1	9	24	373	407
11.	Kadapa	1	12	18	280	311
12.	Anantapur	1	16	20	237	274
13.	Kurnool	2	13	18	214	247
SPDCL		7	66	142	2078	2293
Total for Andhra Pradesh		11	87	205	2898	3201

7.6 EH V TRANSMISSION LINES COMPLETED/COMMISSIONED DURING 2017-18

Sl. No.	Name of the line	No. of Circuits	Route Length in KM	Length circuit in CKM	Date of completion/ Commissioning
400kV lines					
1	400KV Twin moose DC line from M/S HNPCL switch yard to 400 KV Kamavarapukota SS HNPCL (Vizag) to AP-47 Reach-I :74.955KM(Ramabhadrapuram village,EG Dt)charged on 27/4/17 Loc No AP47 to AP No :80 Reach II :74.259 KM (Near NT Rajapuram in EG Dist) Loc No80 to Kamavarapukota Reach III:93.714KM	2	242.928	485.856	charged on 24/07/2017
2	RTPP(Stage-IV) to Chittoor Twin moose DC line. RTPP to Pedajangampalli(Reach1:108.015KM) Pedajangampalli to Chittoor(ReachII:106.347KM)	2	214.362	428.724	22.05.2017
3	Double LILO of 400KV RTPP -Chittoor TMDC line to the proposed 400 KV Kalikiri SS (CKT I & CKT II charged)	4	20.23	40.460	31.03.2018
	TOTAL		457.29	955.04	
220kV lines					
1	220 KV Double LILO from 220KV Hindupur to Pulivendula DC line to Proposed 220KV SS Gollapuram in Ananthapur Dt	4	39	156.00	22.04.2017
2	220 KV DC line from 220/33KV SS Gani PS-2 to 400 KV Gani SS in Kurnool Dt	2	0.844	1.69	17.04.2017
3	220KV DC/SC line from 220KV SS Malyala to 220KV LIS SS Muchumarri in Kurnool Dt	1	13	13.00	29.04.2017
4	220KV DC line from 220KV SS Garividi to 220KV SS Bobbili in Vizianagaram Dt	2	31	62.00	03.05.2017
5	220KV DC line from 220KV SS Uravakonda to 220KV SS Borampalli in Ananthapur Dt	2	34.8	69.60	10.07.2017
6	220 KV DC/SC line from 220KVSS Palamaneru to Madanapalli in Chittoor Dt	Dc/Sc	58.222	58.22	10.11.2017
7	220 KV 2nd Ckt from Bommur to LILO point and LILO to Bavojiipeta(Korukonda)switching station in East Godavari Dt		34.195	34.195	17.11.2017
8	220KV DC line from Bavojiipeta to Purushothapatnam in East Godavari Dt	Dc/Sc	21.444	21.444	17.11.2017
9	220 KV DC/Sc line from Bavojiipeta to Ramavaram in East Godavari Dist	Dc/Sc	29.4	29.40	18.11.2017
10	220 KV LILO of both the circuits of 220KV ADR Palem -Bobbili DC line from Loc43 to Proposed 400KV SS Garividi in Vizianagaram Dt		1	4.00	15.03.2018
11	Erection of 220KV DC line from 400KV SS Ghani to 220KV SS Somayajulapalli in Kurnool Dt	DC	17.3	34.60	31.03.2018
	TOTAL			484.15	
132kv lines					
1	2nd Circuit stringing of 132KV Kamavarapukota to Chintalapudi line in West Godavari Dt	DC/SC to DC	26.140	26.140	31/5/2017
2	Erection of 132KV DC/SC line from 132KV SS Yemmiganuru to 132KV SS Mantralayam in Kurnool Dt	DC/SC	26.712	26.712	2/6/2017
3	2nd Circuit stringing of 132KV Narasannapeta to Tekkali DC/SC line in Srikakulam Dt	DC/SC to DC	27.362	27.362	29/6/2017
4	132KV 2Ph DC/SC line from 132KV Kesinenipalli to Gajjalakonda in Prakasam Dt	DC/SC	19.540	19.540	6/7/2017
5	2nd Ckt stringing on 132KV SS Chilakaluripeta to 132KVSS Vinukonda in Guntur Dt	DC/SC to DC	51.800	51.800	27/7/2017
6	Erection of 2nd circuit stringing on 132 KV Kanigiri-Medarametla line in Prakasam Dt	DC/SC to DC	73.000	73.000	29/9/2017
7	Erection of 132 KV DC line from 220/132KV SS Podili to LILO point of 132 KV Kanigiri-Medarametla line in prakasam dt	DC	15.000	30.000	29/9/2017

8	Modification of 132KV DC towers to Multi ckt towers from Loc No51to 62 of 132KV Kondapalli-Vijayawada line in Krishna Dt	DC	2.570	2.570	14/9/2017
9	Erection of 132KV DC line from 132KV SS Narasannapeta to 132KV SS Srikakulam in Srikakulam Dt	DC	19.132	38.264	13/11/2017
10	Erection of 132KV DC/Sc line from 220KV Gollapuram to 132KV LIS SS Lepakshi in Ananthapur Dt	DC/SC to DC	15.340	15.340	27/11/2017
11	Erection of 132KV DC LILO from 132KV Kalikiri-Madanapalli DC line to 220/132KV SS Madanapalli in Chittoor Dt	DC	2.960	5.920	12/12/2017
12	Erection of 132KV LILO from 132KV Madanapalli-Punganoor line to 220/132KV SS Madanapalli in Chittoor Dt	DC	1.998	3.996	12/12/2017
13	Erection of 132KV DC/SC Kamavarapukota-Yernagudem line East Godavari Dt	DC/SC	37.000	37.000	22/12/2017
14	Erection of 132KV LILO from 132KV Garividi-Bobbili-II to 132KV SS Garbham in Vizianagaram Dt	DC	0.500	1.000	18/12/2017
15	Stringing of 2nd CKT on 132KV Anantapur-Kalyandurg DC/Sc line in Ananthapur Dt	DC/SC to DC	10.000	10.000	28/12/2017
16	Erection of 132KV DC line for LILO of 2nd ckt of 132KV Ananthapur-Kalyandurg line to 132KV SS Taticherla in Ananthapur Dt.	DC	3.700	7.400	28/12/2017
17	Erection of 132KV 2nd Circuit stringing from 220KV SS Guduwada to 132KV SS Pamaru in Krishna Dt	DC/SC to DC	29.219	29.219	29/1/2018
18	Erection of sigle circuit 132KV XLPE UG cable and over head line from 220/132 KV SS Dairy farm to 132/33 KV Pedda waltair (Hybrid GIS SS) in Visakhapatnam Dt	DC/SC	0.850	0.850	6/1/2018
		XLPE UG cable	6.600	6.600	
19	Erection of 132 KV Kasimkota - Chodavaram DC/SC line in Visakhapatnam Dt	DC/SC	28.800	28.800	7/2/2018
20	Erection of 132KV DC/SC line from 220/132 KV Boksampalli SS to 132/33 KV Madakasira SS in Ananthapur Dt	DC/SC	37.516	37.516	5/2/2018
21	Erection of 132KV DC line from 400KV SS Manubolu to 132 KV SS Rapur in SPSR Nellore Dt	DC	34.800	69.600	6/3/2018
22	Erection of 132KV DC/SC line from 132KVSS Martur to 132 KVSS Yadavalli in Guntur Dt	DC/SC	16.864	16.864	29/3/2018
23	Erection of 132KV DC/SC line from 220/132/33KV SS Pulivendula to 132KV SS Tadimarri in Anantapur Dt	DC/SC	47.810	47.810	30/3/2018
24	Erection of 132KV DC line from 220KV SS Bobbili to 132KV SS Salur in Vizianagaram Dt	DC/SC	15.500	15.500	31/3/2018
Total 132 kV Lines (CKM)				628.80	

7.7 Inter-State and Inter-Regional Tie Line flows - Line wise in MU, Maximum Demand in MW (both Import & Exports) during 2017-18									
Sl. No.	Name of Lines	From State/ Region	To State/ Region	Total Energy MU During The year			Max. Demand MW (Date and Time)		Outage Hours * hh:mm:ss
				Exp	Imp	Net	Exp	Imp	
1	Kalapaka - Asupaka S	Andhra Pradesh	Telangana	1094.608	0.745	1093.863	370MWW Apr17	**	507:55:00
2	Kalapaka - Khammam - II	Andhra Pradesh	Telangana	1139.142	0.827	1138.315	370MW Apr17	**	592:17:00
3	400 KV Sattenapalli-Srisailem-I	Andhra Pradesh	Telangana	263.76	54.376	209.384	293MW 01.01.2018 03.00Hrs	220MW 22.09.2017 10.00Hrs	353:15:00
4	400 KV Sattenapalli-Srisailem-2	Andhra Pradesh	Telangana	169.76	116.659	53.101	311MW 12.10.2017 02:00	325MW 11.10.2017 10:00	1238:18:00
5	400KV Srisailem-Narnoor	Andhra Pradesh	Telangana	**	***	530.143	206MW JUn17	583MW Nov17	4972:15:00
6	400 KV Chittoor - Madras	APTRANSCO/AP	PGCIL/TN	669.186	1.076	668.11	410MW Feb18	60MW Mar18	555:26:00
7	400 KV Chittoor - Thiruvalam - I	APTRANSCO/AP	PGCIL/TN	1573.73	9.6	1564.13	550MW Mar18	160MW Nov17	164:38:00
8	400 KV Chittoor - Thiruvalam - II	APTRANSCO/AP	PGCIL/TN	1711.96	8.1	1703.86	550MW Mar18	155MW Jul17	82:00:00
9	400 KV Kalpaka-PGCIL(Gajuwaka)-1	APTRANSCO/AP	PGCIL	6.304	1801.61	-1795.306	**	445MW Jun17	37:09:00
10	400 KV Kalpaka-PGCIL(Gajuwaka)-2	APTRANSCO/AP	PGCIL	6.384	1813.829	-1807.445	**	560MW Apr17	26:02:00
11	400KV Uravakonda-Veltoor- I	Andhra Pradesh	Telangana	99.972	10.664	89.308	422.03MW Mar18	66.21MW Mar18	7635:22:00
12	400KV Uravakonda-Veltoor- II	Andhra Pradesh	Telangana	23.27	1.82	21.45	266.42MW Mar18	**	8433:22:00
13	400 KV Kamavarapu Kota-Suryapet Ckt-I	Andhra Pradesh	Telangana	350.375	65.68	284.695	432MW Aug17	240MW Jun17	3464:47:00
14	400 KV Kamavarapu Kota-Suryapet Ckt-II	Andhra Pradesh	Telangana	342.025	5.39	336.635	386 MW Dec17	135MW Jan18	3726:00:00
220KV Lines									
1	220KV Ragulapadu - Allipura	KARNATAKA	Andhra Pradesh	244.355	16.931	227.424	128MW 06/06/2017 10:00	68.70MW 30/03/2018 21:00	185:12:00
2	220 kV Chittoor - Tiruvalam	Andhra Pradesh	Tamila Nadu	717.38	1.71	715.67	216MW Jun17		35:20:00
3	220 KV B. Kotkur - Wanaparthy Line	Andhra Pradesh	Telangana	81.074	154.322	-73.248	98MW Sep17	124MW Oct17	15:38:00
4	220KV Srisailem-Dindi-I Feeder.	Andhra Pradesh	Telangana	126.941	160.932	-33.991	**	**	223:16:00
5	220KV Srisailem-Dindi-II Feeder.	Andhra Pradesh	Telangana	124.945	176.1424	-51.1974	**	**	88:36:00
6	220KV Srisailem - Nagarjuna sagar Feeder	Andhra Pradesh	Telangana	25.268	352.22	-326.952	**	**	26:35:00
7	220 KV Nunna- KTPS	Andhra Pradesh	Telangana	0.00	925.42	-925.42	**	205MW During Dec17	181:55:00
8	# 220 KV Chillakallu-Suryapet	Andhra Pradesh	Telangana	23.08	313.22	-290.142	85MW During Mar18	114MW During Oct17	38:10:00
9	# 220 KV Chillakallu-Narketpalli	Andhra Pradesh	Telangana	395.70	1.61	394.088	125MW During Mar18	14MW During Dec17	72:34:00
10	220KV TALLAPALLI - NSR-I FEEDER	Andhra Pradesh	Telangana	754.61	0.06	754.55	192MW 21.03.2018 24:00	**	29:26:00
11	220KV TALLAPALLI - NSR-II FEEDER	Andhra Pradesh	Telangana	751.32	0.01	751.31	193MW 21.03.2018 24:00	**	25:50:00
12	220KV TALLAPALLI - NSR-III FEEDER	Andhra Pradesh	Telangana	423.87	0.00	423.87	100MW 21.03.2018 24:00	**	28:01:00
13	220KV TALLAPALLI - CHALAKURTHY FEEDER	Andhra Pradesh	Telangana	597.65	0.00	597.65	195MW 11.08.2018 13:00	**	12:05:00
14	220KV Sullurpeta-Gummidipudi	Andhra Pradesh (APTRANSCO)	Tamila Nadu	167.70	22.35	145.35	213 MW 27.04.2017 18:00	70 MW 26.10.2017 19:00	3023:50:00

132 KV Lines									
1	132 KV Tangeda-Wadapalli	Andhra Pradesh	Telangana	0.03	340.7	-340.67	**	88.16MW 17.05.2017 17:00	20:13:00
2	132 KV Piduguralla-Wadapalli	Andhra Pradesh	Telangana	106.72	0	106.72	20MW 28.06.2017 05:00	**	48:31:00
3	132 kv Chillakallu-Madhira	Andhra Pradesh	Telangana	113.41	0	113.41	26MW During Nov17	**	41:15:00
4	132 kv Chillakallu-Khammam	Andhra Pradesh	Telangana	0	0	0	**	**	**
5	132 kv Chillakallu-Kusumanchi	Andhra Pradesh	Telangana	10.3	0.023	10.277	52MW During Mar18	**	Nil
6	132 kv Chillakallu-Seethapuram	Andhra Pradesh	Telangana	108.15	6.39	101.76	49MW During Feb18	27MW During Apr17	26:59:00
7	132 kv Chillakallu-Ramapuram	Andhra Pradesh	Telangana	139.575	3.515	136.06	73MW During Feb18	19MW During Apr17	26:06:00
8	132 kv Chillakallu-Bonakallu Railway-I	Andhra Pradesh	Telangana	26.48	0	26.48	15MW During Feb18	**	13:07:00
9	132 kv Chillakallu-Bonakallu Railway-II	Andhra Pradesh	Telangana	24.706	0	24.706	16MW During Apr17	**	14:37:00
10	132 kv Chillakallu-Kodad	Andhra Pradesh	Telangana	302.087	0	302.087	73MW During Sep17	**	33:11:00
11	132KV Guntakal-Humpi	Andhra Pradesh	Karnataka	1.059	72.492	-71.433	1MW 30/03/2018 09:00	29MW 07/01/2018 07:00	65:53:00
12	132KV AP Carbides-Alampur -I	Andhra Pradesh	Telangana	**	**	7.323	43.60MW July17	47MW Oct2017	18:03:00
13	132KV AP Carbides-Alampur -II	Andhra Pradesh	Telangana	**	**	9.0246	49MW July17	45MW Oct17	41:49:00

* It is to be treated as outage hours even if breaker is open at one end and line is Idle charged from the other end also.

220KV Chillakallu-Narketpalli-I is renamed as Chillakallu-Suryapet and Chillakallu-Narketpalli-II is renamed as Chillakallu-Narketpalli WEF 21/12/2016

\$ 400KV Kalpaka -Khammam -I was modified as 400KV Kalpaka-Asupaka from August 2017

7.8 (A) APTRANSCO PURCHASES OF ENERGY

Year	Purchases from APGENCO			Purchases , imports and wheeled										Gross Total/ Ex-bus Available
	Hydel	Thermal	Total	Central Sector (NTPC,NLC MAP,etc)	NTPC (ER)	PTC	APGPCL	GRID Co	M.P +GEB,WR +PSEB +CSEB	Private Projects (excl-3rd party)	Captive & others	3 rd party energy wheeled & others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1999-2K	8090.55	19519.51	27610.06	7897.00	1040.70		504.24	538.37	216.81	3216.87	442.32	2280.67	16136.98	43747.04
2000-01	7048.00	19749.00	26797.00	8288.49	1300.34		504.04	875.60	162.11	3851.64	409.61	2528.00	17919.83	44716.83
2001-02	5728.22	20244.62	25972.84	7701.02	1608.76		479.66	687.86	150.31	4839.52	664.42	2785.65	18917.20	44890.04
2002-03	3214.00	20751.70	23965.70	11072.55	945.80	13.07	510.47	41.65	8.68	6279.04	940.28	2010.44	21821.98	45787.68
2003-04	2934.67	20403.94	23338.61	13011.40		344.29	502.87	-	-	7777.17	179.32	2287.05	24102.10	47440.71
2004-05	5267.22	21145.08	26412.31	13774.03			1908.20			5899.89	748.08	2380.32	24710.52	51122.82
2005-06	7872.53	18718.33	26590.86	15971.13			1752.98			5476.67	529.60	2253.62	25984.00	52574.86
2006-07	9246.63	19994.07	29240.70	19487.34			1445.47			5672.82	167.36	2056.77	28829.76	58070.46
2007-08	9509.76	21451.57	30961.33	19821.82			1101.43			7283.75	356.69	1720.12	30283.81	61245.14
2008-09	7702.54	23294.47	30997.01	25315.86			1440.69			7269.70	747.96	1615.54	36389.75	67386.76
2009-10	5450.48	24101.16	29551.64	22851.20			2087.32			16025.76	1465.78	2630.17	45060.23	74611.87
2010-11	7717.67	26845.72	34563.39	19986.24			1680.74			18004.95	1964.32	1564.41	43200.66	77764.05
2011-12	6375.55	32893.11	39268.66	24953.20			1447.93			16405.69	1618.69	1466.06	45891.57	85160.23
2012-13	3206.64	34729.55	37936.19	30413.50			1140.08			9254.72	2530.17	923.41	44261.88	82198.07
2013-14	7142.91	31706.00	38848.91	37120.34			1016.48			5459.69	4595.37	1150.28	49342.16	88191.07
2014-15 (Apr&May)	621.37	5702.66	6324.03	6898.06			172.60			806.71	1020.36	163.64	9061.37	15385.40
2014-15 (Jun to Mar)	3204.74	16228.48	19433.22	14219.62			456.70			2792.68	2486.44	869.94	20825.38	40258.60

7.8 (A) APTRANSCO PURCHASES OF ENERGY

Year	Purchases from APGENCO			Purchases , imports and wheeled						Gross Total
	Hydel	Thermal	Total	Central Generating Stations Sector (NTPC,NLC MAP,etc)	APGPCL	Private Projects (IPPs)	NCEs	others	Total	
1	2	3	4	5	6	7	8	9	10	15
2015-16	2320.39	12201.93	14522.32	11925.08	90.29	4666.19	2650.66	15659.47	34991.68	49514.00
2016-17	2180.52	14378.91	16559.43	11639.60	84.62	7998.42	4986.00	11369.18	36077.82	52637.25
2017-18	2655.68	18477.70	21133.38	10139.04	147.01	6293.12	12420.57	7442.926	36442.66	57576.04

7.8(B) SALE OF ENERGY AND SYSTEM LOSSES(Incl.3rd party Energy)

Year Ending March	Total Energy Handled*	Energy sold to Discoms (#)	Transmission Losses	Sales within the State \$	Energy assessed on the ft& pilferage & back billing	Exports	Total Sales (5+6)	System Loss (2-7)	% System Loss** (8/2)	3rd party Energy Handled
1	2	3	4	5	6		7	8	9	10
1999-2K	43747.04	--	--	27568.41	35.98	-	27604.39	16142.65	36.90	2725
2000-01	44716.83	40720	8.94	29457.97	310.21	29.48	29559.62	15157.21	33.90	2528
2001-02	44890.04	40419.24	9.96	31601.03	-	-	31601.03	13289.01	29.60	2785.65
2002-03	45787.68	41642.51	9.05	33823.68	-	-	33823.68	11964.00	26.13	2010.44
2003-04	47440.71	43049.11	6.27	36459.08	-	-	36459.08	10981.63	23.15	2287.05
Year Ending March	Power Purchase (incl. UI Energy)	Discom Input (Transco Sales)	Transmission Losses (%)	DISCOM sales	UI Energy	Interstate sales	Details of Sale of power(DISCO M +UI+Inter state)	T&D Losses (Incl. UI energy) MU	T&D Losses (Incl. UI energy) (%)	3rd party energy Handled
2004-05	51142	46255	4.53	37617.63	2132.61	439	40188.74	10953.26	21.42	2380.32
2005-06	51857.16	47807	4.48	39651.69	527.29	1199.72	41378.7	10478.46	20.21	2253.62
2006-07 (incl PGCIL losses)	57464	53994.81	4.80	44850	500.26	212.85	45563.11	11900.89	20.710	1882.95
2006-07 (excl PGCIL losses)	57464	53994.81	3.94	44850	500.26	212.85	45563.11	11390.58	19.822	1882.95
Year Ending March	Energy Handled	(Transco Sales)	Transmission Losses (%)	DISCOM sales	33kV Private developers	33kv Genco	Sale of power(incl wheeling)	T&D Losses in MU	T&D Loss%	
2007-08	61797.37	56992.07	4.27	48390.42	1616.79	93.41	49939.14	11858.23	19.19	
2008-09	67386.76	62637.1	4.02	53215.36	1276.44	107.13	54830.9	12555.86	18.63	
2009-10	74611.87	68960.26	4.65	59118.39	1484.189	81.93	60930.058	13681.812	18.34	
2010-11	77764.05	72131.75	4.50	62618.77	1472.36	92.15	64149.24	13614.81	17.51	
2011-12	85050.44	79966.26	4.22	69955.05	1465.66	91.11	71270.35	13780.09	16.20	
2012-13	83291.17	77988.21	5.24	68307.17	925.47	66.41	69281.69	14009.48	16.82	
2013-14	89500.01	83847.08	5.00	73055.73	1163.22	74.35	74158.34	15341.67	17.14	
2014-15 (Apr& May)	15590.82	14625.73	3.92	12603.71	163.37	11.3	12603.71	2987.11	19.16	
2014-15 (Jun to Mar)	40771.62	38215.18	3.37	35543.8	869.379	21.83	35543.8	5227.82	12.82	
2015-16	50110.44	47330.78	3.37	44439.19	1102.37	24.81	44817.6	5292.84	10.56	
2016-17	54770.55	51488.76	2.92	47822.87	1708.36	22.07	48392.34	6378.21	11.65	
2017-18	58262.62	54583.39	3.13	50519.22	1899.13	17.03	51313.77	6948.85	11.93	

7.8 (C) ENRGY BALANCE SHEET 2017-18

S.No	Particulars	2017-18 (From Apr-17 to Mar -18)
1	Input from State Generators including wheeling	39851.12
2	CGS (Ex-Bus)	16957.12
3	System Input at 132 kv & above including Wheeled Energy (1+2)	56808.24
4	Energy delivered by Transco to Discoms Including Wheeled Energy	54583.39
5	Transmission Losses (Incl.Wheeling) (3-4) inclusive of PGCIL losses	2224.85
6	% Transmission Losses (Incl wheeling) on respective Inputs {(5/3*100)} inclusive of PGCIL losses	3.92
6a	% Transmission Losses (Incl wheeling) on respective Inputs {(5-11)/(3-11)*100)} exclusive of PGCIL losses	3.13
7	Net wheeled Energy at 132 KV & above by Third Party Developers	574.640
8	Energy delivered by Transco to Discoms Excluding Wheeled Energy at 132 KV & above (4 - 7)	54008.75
9	Drawls at 33 KV & 11 KV from TP developers	1899.13
10	Drawls at 33 KV & 11 KV from Genco	17.03
11	External losses (PGCIL losses)	461.78
12	Input to Discoms (Incl Wheeling Energy)(8+9+10)	55924.91
13	Discoms sales of Energy (Excl Wheeling)	50519.22
14	Net Wheeled Energy at 33 KV & Below by Third Party Developers	219.91
15	Discoms sales of Energy (Incl. Wheeling) (13 + 14)	50739.13
16	Distribution Losses (Incl. wheeling) (12-15)	5185.78
17	% Distribution losses (Incl.Wheeling) on respective inputs { (16/12)*100 }	9.27
18	T & D Input (Ex-Bus Availability) (3+9+10)	58724.40
19	T & D Sales (Incl.Wheeling) by Discoms (15+7)	51313.77
20	T & D Losses (Incl. Wheeling) (18-19)	7410.63
21	%T & D losses (Incl.wheeling) &(Incl SR Losses) (20/18*100)	12.62
22	%T & D losses (Incl.wheeling) (Excluding SR Losses)	11.93

**7.9 CATEGORY-WISE SERVICES AS ON 31.3.2018
(EXCLUDING R.E.S.CO-OPERATIVES)**

Sl No.	DISTRICT	L.T.CATEGORY									H.T.	TOTAL
		I	II	III	IV	V	VI	VII	VIII	Total LT		
		Dom	Non-Dom	Indl	Cot- Indl	Agl	Pub-Lt	Gen	Temp			
1	SRIKAKULAM	724810	63041	3437	312	31750	5035	5697	279	834361	347	834708
2	VIZIANAGARAM	545801	50475	2995	129	35827	3689	4736	64	643716	329	644045
3	VISAKHAPATNAM	1224923	144962	5643	395	28174	8820	6367	369	1419653	1149	1420802
4	EAST GODAVARI	1393288	152850	13399	1126	50334	6292	15538	236	1633063	1068	1634131
5	WEST GODAVARI	1067019	125411	18042	350	96028	6684	12535	159	1326228	670	1326898
	TOTAL APEPDCL	4955841	536739	43516	2312	242113	30520	44873	1107	5857021	3563	5860584
6	KRISHNA	1437261	147473	21864	1042	107353	8272	13946	32	1737243	1467	1738710
7	GUNTUR	1683858	159384	15912	358	111533	7470	11393	203	1990111	1255	1991366
8	PRAKASAM	1061675	80257	10538	615	171984	7305	9323	324	1342021	608	1342629
9	NELLORE	996207	85634	27426	828	178199	9529	8647	110	1306580	632	1307212
10	CHITTOOR	1314303	115009	12686	7235	279085	21151	11791	767	1762027	948	1762975
11	KADAPA	768324	65733	5491	586	159428	5713	6659	3	1011937	384	1012321
12	ANANTAPUR	1067456	80912	8984	4243	255955	7583	7791	219	1433143	419	1433562
13	KURNOOL	1053916	78693	9104	593	163938	6947	6566	164	1319921	354	1320275
	TOTAL APSPDCL	9383000	813095	112005	15500	1427475	73970	76116	1822	11902983	6067	11909050
TOTAL FOR A.P.		14338841	1349834	155521	17812	1669588	104490	120989	2929	17760004	9630	17769634

7.9(a) CATEGORY WISE SERVICES OF RESCOs AS ON 31-03-2018

Sl. No.	Name of RESCO and District	I	II	III	IV	V	VI	VII	VIII	Total L.T	Total H.T	Grand Total
1	Cheepurupally (Vizianagaram)	48363	3434	362	109	6147	375	527	6	59323	-	59323
2	Anakapally (Vizag)	127314	7412	2761	65	13400	1154	1118	12	153236	-	153236
3	Kuppam (Chittoor)	73285	5478	455	5	31535	1675	1001	13	113447	-	113447
Total		248962	16324	3578	179	51082	3204	2646	25	326006	-	326006

7.9B CATEGORY-WISE SERVICES AS ON 31.3.2018
(Including RESCOs)

S.No.	DISTRICT	L.T.CATEGORY									H.T.	TOTAL
		I	II	III	IV	V	VI	VII	Temp	Total LT		
1	SRIKAKULAM	724810	63041	3437	312	31750	5035	5697	279	834361	347	834708
2	VIZIANAGARAM	594164	53909	3357	238	41974	4064	5263	70	703039	329	703368
3	VISAKHAPATNAM	1352237	152374	8404	460	41574	9974	7485	381	1572889	1149	1574038
4	EAST GODAVARI	1393288	152850	13399	1126	50334	6292	15538	236	1633063	1068	1634131
5	WEST GODAVARI	1067019	125411	18042	350	96028	6684	12535	159	1326228	670	1326898
	TOTAL APEPDCL	5131518	547585	46639	2486	261660	32049	46518	1125	6069580	3563	6073143
6	KRISHNA	1437261	147473	21864	1042	107353	8272	13946	32	1737243	1467	1738710
7	GUNTUR	1683858	159384	15912	358	111533	7470	11393	203	1990111	1255	1991366
8	PRAKASAM	1061675	80257	10538	615	171984	7305	9323	324	1342021	608	1342629
9	NELLORE	996207	85634	27426	828	178199	9529	8647	110	1306580	632	1307212
10	CHITTOOR	1387588	120487	13141	7240	310620	22826	12792	780	1875474	948	1876422
11	KADAPA	768324	65733	5491	586	159428	5713	6659	3	1011937	384	1012321
12	ANANTAPUR	1067456	80912	8984	4243	255955	7583	7791	219	1433143	419	1433562
13	KURNOOL	1053916	78693	9104	593	163938	6947	6566	164	1319921	354	1320275
	TOTAL APSPDCL	9456285	818573	112460	15505	1459010	75645	77117	1835	12016430	6067	12022497
	TOTAL FOR A.P.	14587803	1366158	159099	17991	1720670	107694	123635	2960	18086010	9630	18095640

7.10 INTER STATE TRANSMISSION LINES

Sl.No.	Name of the Inter State Line	SC/DC	Voltage in kV	Length in K.M.
1	400KV VTPS - Suryapet DC line	DC	400	143.26
2	400 KV Srisailem-Sathena palli (DC) feeder	DC	400	330.8
3	400 KV Srisailem - Kurnool (SC) feeder	SC	400	102
4	400KV KHMM - VSP II (400KV B'Padu - Kalpaka)	SC	400	364
5	400 KV KALPAKA-ASUPAKA	SC	400	267.017
6	400KV Uravakonda-Veltoor I&II	DC	400	249.3
7	400 KV Kamavarapu Kota-Suryapet Ckt-I & II	DC	400	114.7
8	400 KV Chittoor - Thiruvalam -I &II	DC	400	**
9	400 KV Chittoor- Madras	SC	400	10.57
7	220KV Nunna - KTPS SC Line	SC	220	61.15
8	220KV Tallapalli - Nagarjunasagar - I & II feeder	DC	220	20
9	220KV Tallapalli - Nagarjunasagar -III feeder	SC	220	8.8
10	220KV Tallapalli - Chalakurthy feeder	SC	220	8.63
11	220KV Chillakallu - Narketpalli line	SC	220	13.45
12	220KV Chillakallu - Suryapet line	SC	220	13.45
13	220 KV Brahmnaotkur-Wanaparthy line (LIS)	DC	220	18.85
14	220KV Srisailem-Dindi-I & II (DC) feeder	DC	220	2
15	220 KV N'Sagar Receiving Station – Srisailem SC Line	SC	220	14
16	220KV LSR - KTS-I	DC	220	146.6
17	220KV LSR - KTS-II	DC	220	119
18	Chittoor - Thiruvalam (Tamilnadu)	SC	220	21.16
19	Sullurpet -Gummadipoondi (Tamilnadu) (Originally Nellore-Ennore)	SC	220	30.74
20	Ragulapadu-Alepura (Karnataka)	SC	220	39.16
21	132KV Nagarjunasagar - RCPH feeder		132	5.3
22	132KV Piduguralla - Wadapalli Ckt-II	DC	132	43.685
23	132KV Tangeda - Wadapalli DC/SC line	SC	132	27.281
24	132KV Chillakallu - Kodada SC line	SC	132	11.72
25	132KV Chillakallu - Vepulasigaram SC line (Ramapuram)	SC	132	15.7
26	132KV Chillakallu - Sitapuram SC line	SC	132	15.7
27	132KV Chillakallu - Khammam SC line	SC	132	11.7
28	132KV Chillakallu - Kusumanchi SC line	SC	132	11.7
29	132KV Chillakallu - Madhira SC line	SC	132	21.5
31	132KV Chillakallu - Bonakallu Railway Traction I &II (DC) feeder	DC	132	36
32	132 KV A.P.Carbides - Alampur I & II	DC	132	28.54
34	132KV K.Kota - Aswaraopet I & II	DC	132	64.5
35	132 KV Pratapnagar(Kakinada)-Yanam(pondichery)	SC	132	30.3

\$ 400KV Kalpaka -Khammam -I was modified as 400KV Kalpaka-Asupaka from August 2017

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

SL. No.	Category	1987-88		1988-89		1989-90		1990-91		1991-92	
		Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)
I.	LOW TENSION										
	1.Domestic	3410100	1598	3975147	1789	4428828	2003	4730697	2110	5162662	2303
	2.Non-Domestic	437519	308	467803	321	483829	332	504044	344	531543	363
	3.Industrial	88353	944	95131	1013	107407	1144	114057	1212	121352	1293
	4.Cottage Industries	4456	9	5309	10	6437	12	7569	14	8489	16
	5.Agricultural	834435	2741	951466	3130	1056407	3462	1134519	3760	1211003	4013
	6.Public Lighting	36507	50	41044	53	45157	58	47012	59	48797	62
	7.General Purpose	45110	28	49849	30	55870	33	56817	33	58754	34
	Total L.T (I)	4856480	5678	5585749	6346	6183935	7044	6594715	7532	7142600	8084
II.	HIGH TENSION										
	1.Industrial Ordinary Tariff	2284	1430	2382	1516	2628	1672	2724	1733	2880	2086
	2.Industrial (Intensive)	9	127	10	129	10	129	27	348	18	318
	3.Industrial (Alternative)	664	397	704	411	790	461	847	494	802	468
	4.Agricultural	135	30	155	32	157	32	180	37	187	57
	5.Temporary	9	2	12	3	8	2	11	3	7	3
	6.Railway Traction	12	211	17	227	17	227	20	267	21	210
	Total H.T (II)	3113	2197	3280	2318	3610	2523	3809	2882	3915	3142
Grand Total (I+II)		4859593	7875	5589029	8664	6187545	9567	6598524	10414	7146515	11226

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

SL. No.	Category	1992-93		1993-94		1994-95		1995-96		1996-97	
		Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)
1.	2.	3	4	5	6	7	8	9	10	11	12
I.	LOW TENSION										
	1.Domestic	5556713	2525	5787801	2609	6019042	2729	6433913	3425	6803038	3756
	2.Non-Domestic	557224	379	586558	403	617301	425	666774	599	720500	709
	3.Industrial	127315	1338	131188	1188	117451	1051	121056	1840	117571	1790
	4.Cottage Industries	9296	18	11663	23	12590	25	17114	57	13416	52
	5.Agricultural	1331555	4414	1433732	4756	1529892	5077	1562922	5553	1705937	5999
	6.Public Lighting	50794	62	52271	58	45458	63	46154	88	54251	89
	7.General Purpose	60603	36	59588	37	60610	38	62322	50	63955	52
	8.Temporary	-		-		-		651	-	644	-
	Total L.T	7693500	8772	8062801	9074	8402344	9408	8910906	11612	9479312	12447
II.	HIGH TENSION										
	1.Industrial Ordinary Tariff	2313	2091	2357	2131	2431	2198	2514	1855	2571	2043
	2.Industrial (Intensive)	15	122	14	114	11	90	12	212	12	219
	3.Industrial (Alternative)	816	311	794	302	795	303	829	374	842	383
	4.Agricultural	198	58	208	61	218	65	223	104	235	108
	5.Temporary	8	22	6	17	7	17	2	1	4	-
	6.Railway Traction	22	244	23	255	26	289	27	235	30	262
	7.Others **	40	61	82	76	107	165	113	168	123	188
	Total H.T	3412	2909	3484	2956	3595	3127	3720	2949	3817	3203
Grand Total (I+II)		7696912	11681	8066285	12030	8405939	12535	8914626	14561	9483129	15650

** Reconciled data.

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

SL. No.	Category	1997-98		1998-99*		1999-2000		2000-01		2001-02	
		Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)
1.	2.	3	4	5	6	7	8	9	10	11	12
I.	LOW TENSION										
	1.Domestic	7300553	4028	7694653	4246	8124786	5039	10258476	5280	10708638	5431
	2.Non-Domestic	774054	762	820077	807	865161	810	907119	883	957448	991
	3.Industrial	119737	1823	126180	1921	135703	2456	145786	2098	152203	2263
	4.Cottage Industries	13712	54	14393	57	14950	56	15668	44	16232	51
	5.Agricultural	1736025	6117	1792113	6315	1821280	6244	1821280	6267	2088759	7428
	6.Public Lighting	56843	92	63643	103	66133	219	68212	151	70753	187
	7.General Purpose	65850	53	67977	55	71285	86	72646	68	74113	70
	8.Temporary	381		567	-	813	3	813	2	813	3
	Total L.T	10067155	12929	10579603	13504	11100111	14913	13290000	14793	14068959	16424
II.	HIGH TENSION										
	1.Industrial Ordinary Tariff	2549	2172	2543	2501	2541	1810	2618	2418	2726	2482
	2.Industrial (Intensive) *	13	368								
	3.Industrial (Alternative)	870	372	929	397	999	209	1062	446	1184	532
	4.Agricultural	236	94	227	100	243	70	258	101	273	99
	5.Temporary	6	0.27	3	0.2	2	2	36	402	37	418
	6.Railway Traction	33	292	34	301	36	281	141	44	155	47
	7.Others **	128	194	139	198	144	177	79	139	185	253
	Total H.T	3835	3492	3875	3497	3965	2549	4194	3550	4560	3831
Grand Total (I+II)		10070990	16421	10583478	17001	11104076	17462	13294194	18343	14073519	20255

*Industrial (Intensive) category is merged with Industrial(Segrgated) cat 1 w.e.f.1998-99.

** Reconciled data.

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

SL. No.	Category	2002-03		2003-04		2004-05		2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14	
		Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW) **	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)
1.	2.	3	4	5	6	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I.	LOW TENSION																								
	1.Domestic	11202343	6306	11956602	7880.38	12586922	8293.69	13220362	8754	14118205	10041	15065510	12182	16104394	12391	17065491	13186	17927353	13922	18781332	14216	19593105	16275	20322094	17171
	2.Non-Domestic	1015974	1087	1148702	1409.66	1209442	1484.34	1268594	1787	1325145	2094	1386983	2898	1454333	2955	1528468	3451	1614817	3808	1711339	3951	1813724	4480	1912364	4538
	3.Industrial	157754	2489	162994	2564.31	169363	2660.91	175069	2986	179978	3145	185480	3411	190395	3551	195267	3811	201064	3917	208903	4870	214829	3694	220032	3666
	4.Cottage Industries	16755	65	17578	79.61	18041	71.44	18649	74	19138	77	19861	80	20373	86	20830	80	21621	85	23085	104	23991	221	24771	289
	5.Agricultural	2257969	8027	2309605	8208.82	2374365	7981.37	2440823	8205	2527800	9367	2599635	9518	2680671	10302	2769275	12080	2909006	12769	3061914	12856	3203871	13309	3344637	13851
	6.Public Lighting	77722	225	97362	541.44	101194	429.91	105855	450	111270	514	115760	811	123254	1042	128368	835	132684	901	138804	1142	147679	963	155211	889
	7.General Purpose	75793	83	78525	95.00	82023	98.91	85232	124	88254	162	90588	188	96671	262	107483	262	134062	309	141523	273	145018	378	147753	392
	8.Temporary	0	0	757	0.24	830	0.25	949	0.28	1019	0	1114	66	1237	2	1351	4	1700	59	2033	8	2223	6	2421	6
	Total L.T	14804310	18282	15772125	20779.45	16542180	21020.81	17315533	22379	18370809	25400	19464931	29154	20671328	30591	21816533	33709	22942307	35770	24068933	37421	25144440	39326	26129283	40802
II.	HIGH TENSION																								
	Total H.T	4971	3974	5347	3995	5842	4316.29	6392	4701.90	7220	5153	8376	6525	9711	6160.0	10866	6373	12028	7752	13365	10357	14935	9115	16230	13921
	Grand Total (I+II)	14809281	22255	15777472	24775	16548022	25337.10	17321925	27081.29	18378029	30553	19473307	35679	20681039	36751	21827399	40082	22954335	43522	24082298	47778	25159375	48441	26145513	54723

*Industrial (Intensive) category is merged with Industrial(Segregated) cat 1 w.e.f.1998-99.

† Including RESCO services

** R HT connected load reconciled for 2008-09

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

SL. No.	Category	2014-15 (Resi AP)		2015-16		2016-17		2017-18	
		Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)*	Number of Consumers	Connected Load (MW)	Number of Consumers	Connected Load (MW)
1.	2.	3	4	5	6	7	8	9	10
I.	LOW TENSION								
	1.Domestic	12648102	10655	13176880	9686	13885966	10446	14338841	13689
	2.Non-Domestic	1104366	2440	1173535	2231	1254523	2426	1349834	3014
	3.Industrial	134100	2886	137934	2093	144124	2313	155521	5622
	4.Cottage Industries	16029	267	16493	43	16885	45	17812	109
	5.Agricultural ✧	1509495	7536	1581855	7127	1657258	7627	1720670	7753
	6.Public Lighting	91440	583	95274	404	100209	451	104490	842
	7.General Purpose	105297	269	106975	128	111788	137	120989	1070
	8.Temporary	2205	5	2483	1	2769	1	2929	159
	Total L.T	15611034	24641	16291429	21712	17173522	23444	17811086	32258
II.	HIGH TENSION								
	Total H.T	7835	9466	8348	5177	8958	5861	9630	8523
Grand Total (I+II)		15618869	34107	16299777	26888	17182480	29305	17820716	40781

* SPDCL DATA REVISED

7.12 LINES AND SUB-STATIONS (YEAR - WISE)

I - TRANSMISSION in CKM AND DISTRIBUTION LINES (in KM)																		
Sl. No	VOLTAGE	At the end of March															2015 Residuary AP	
		✚ 2000	✚ 2001	✚ 2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
1	400 kV	46	893	1301	2033	2033	2033	2686	2816	2988	3009	3172	3308	3308	4112	4257	2400	
2	220 kV	8957	9607	10341	10940	11127	11462	11569.988	11784	12237	12503	12693	12878	13623	13918	14389	8395	
3	132 kV	10922.5	11791	12404	12784	13022	13342	13886	14314	14706	14940	15103	15587	15915	16260	16642	8600	
4	66 kV	186	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	
5	33kV	29884	30517	30537	32284	32711	33560	34835	35950	37206	38628	40033	40432	41128	42463	43929	24084	
6	11kV	166244	169649	165299	178321	186723	202282	214743	224688	234148	248670	260406	270167	279894	290219	300932	184499	
7	L.T Lines in kV	424277	460863	442209	467313	473928	486191	504820	513166	517685	527852	532656	542716	551959	559840	566392	288769	
	Total CKM	640804	683608	662387	703675	719839	749164	782835	802718	818969	845602	864064	885088	905827	926811	946541	516747	
	✚	Reconciled																
II - SUB - STATIONS (Nos)																		
Sl. No	Voltage (kV)	At the end of March																
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
1	400 kV	Nil	2	3	3	3	3	7	7	8	9	9	10	10	11	12	6	
2	220 kV	59	63	69	73	76	78	79	82	90	93	96	99	109	117	120	71	
3	132 kV *	170	180	186	191	210	229	243	256	264	269	277	295	309	312	329	169	
4	66 kV	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	33 kV	1764	1862	1941	2123	2329	2474	2642	2821	3023	3355	3714	3887	4056	4369	4674	2633	
	Total Nos	1996	2107	2199	2390	2618	2784	2971	3166	3385	3726	4096	4291	4484	4809	5135	2879	
6	Distribution Transformers (Nos)	186847	201801	216453	242668	323033	405937	474959	519365	580721	725837	737544	811108	894581	958015	1032863	621171	
7	DTRs Transformer Capacity (MVA)	14490	15650	16413	17763	19977	22426	24484	26025	28156	30574	32571	33617	36981	40042	42402	21798	

(*) Reconciled figure

NA :- Not Accounted for

7.12 LINES AND SUB-STATIONS (YEAR - WISE)

I - TRANSMISSION LINES in CKM AND DISTRIBUTION LINES (in KM)

Sl. No	VOLTAGE	At the end of March			
		2015 Residuary AP	2016*	2017	2018
1	400 kV	2400	2892	3607	4562
2	220 kV	8395	9954	10549	11033
3	132 kV	8600	9784	10091	10720
4	33kV	24084	24639	24803	25827
5	11kV	184499	192081	217701	226013
6	L.T Lines in kV	288769	296983	320569	327044
	Total CKM	516747	536333	587320	605199

II - SUB - STATIONS (Nos)

Sl. No	Voltage (kV)	At the end of March			
		2015	2016	2017	2018
1	400 kV	6	6	10	11
2	220 kV	71	75	84	87
3	132 kV	169	180	191	206
5	33 kV	2633	2728	2766	2898
	Total Nos	2879	2989	3051	3202
6	Distribution Transformers (Nos)	621171	635055	814078	875547
7	DTRs Transformer Capacity (MVA)	21798	22976	28227	29672

* Reconcilled

7.13 DISTRIBUTION LINES AND DISTRIBUTION TRANSFORMERS EXISTING AS ON 31-03-2018					
S.No.	District	Lines in Km			(Nos)
		33 kV	11 kV	L.T	DTRs
APEPDCL					
1	Srikakulam	898	7001	14498	16325
2	Vizianagaram	729	5500	10178	15685
3	Visakhapatnam	1311	7299	17941	32037
4	East Godavari	1537	10941	18065	46796
5	West Godavari	1669	14992	21047	77444
Sub-total		6143	45733	81729	188287
APSPDCL					
6	Krishna	2267	15328	39281	62986
7	Guntur	2029	17140	23121	60245
8	Prakasam	2945	40444	44619	75963
9	Nellore	2280	15289	24923	72249
10	Chittoor	2962	27300	31830	129640
11	Kadapa	1986	23092	22358	114741
12	Anantapur	2757	24791	34494	94570
13	Kurnool	2458	16896	24690	65330
Sub-total		19684	180280	245315	675724
Total for A.P(DISCOMs)		25827	226013	327044	864011
RESCOs Total					11536
Grand Total					875547

7.14 POWER RESTRICTIONS (1977-2015) (%)													
Year	Period	Consumers with CMD (KVA)											
		Upto 200		201 to 500		501 to 1000		1001 to 2000		2001 to 10000		Above 10000	
		E	D	E	D	E	D	E	D	E	D	E	D
1977-78	1.4.77 to 14.8.77	30	30	30	30	30	30	30	30	30	30	30	30
1977-78	25.4.77 to 14.8.77 (Textile units)	20	20	20	20	20	20	20	20	20	20	20	20
No Power Restrictions from 15.8.78 to 4.9.79													
1979-80	5.9.79 to 31.7.80	30	30	30	30	30	30	30	30	30	30	30	30
1980-81													
No Power Restrictions from 1.8.80 to 26.1.84													
1983-84	27.1.84 to 30.4.84	25	25	25	25	25	25	25	25	25	25	25	25
1984-85													
No Power Restrictions from 1.5.84 to 14.4.87													
1987-88	15.4.87 to 6.6.87	15	15	15	15	15	15	60	60	60	60	60	60
	7.6.87 to 30.6.87	-	-	-	-	-	-	60	60	60	60	60	60
1987-88	01.07.87 to 09.07.87	-	-	-	-	-	-	60	60	60	60	60	60
	10.07.87 to 14.07.87	-	-	-	-	-	-	30	30	30	30	30	30
	16.11.87 to 19.11.87	-	-	-	-	-	-	35	35	35	35	40	40
	20.11.87 to 31.01.88	15	15	15	15	15	15	35	35	35	35	40	40
	01.02.88 to 13.03.88	15	15	15	15	15	15	35	35	50	50	60	60
1988-89	14.03.88 to 30.06.88	15	15	15	15	15	15	35	35	50	50	80	60
	01.07.88 to 29.07.88	15	15	15	15	15	15	35	35	50	50	80	60
	28.11.88 to 31.12.88	30	-	30	25	30	25	30	25	30	25	30	25
1989-90	01.01.89 to 14.04.89	15	-	30	25	30	25	30	25	30	25	30	25
	15.04.89 to 30.06.89	15	-	30	25	30	25	40	30	50	40	60	50
												(Contd..)	

7.14 POWER RESTRICTIONS for HT Consumers				
1999-2K	No power cuts during this year			
2000-01	No power cuts during this year			
2001-02	No power cuts during this year			
2002-03	No power cuts during this year			
2003-04	No power cuts during this year			
2004-05	No power cuts during this year			
2005-06	No power cuts during this year			
2006-07	No power cuts during this year			
2007-08	No power cuts during this year			
2008-09	No power cuts during this year			
2009-10	three day power holiday per week was imposed on industrial sector from 07-04-2009.Power holidays were gradually lifted after reduction of agricultural demand			
2010-11	One and half power holiday is reduced to One day Power holiday for SSI units from 21-04-2010.Power holidays to other industries are reduced to one day from two days w.e.f 27-04-2010 for other industries .Power holidays to all industries except continuous industries were lifted from 08-05-2010.Power holiday to continuous industries were also lifted from 20-05-2010.			
2011-12	- One day power holiday was announced to industries from 01-04-2011 and lifted from 16-04-2011. - Again one day Power holiday was announced to Industries from 25-09-2011 with peak hour restrictions (from 18:30 to 22:30 hrs) - From 02-10-2011 Power holiday enhanced to 2days a week with peak hour restriction. - From 05-11-2011 Industry is categorized as continuous process industry and non continuous process industries with evening peak hour restrictions.For continuous process industry :70% during day time and 50% during peak. - From 08-12-2011 restrictions for continuous process industry reduced to 60% for day time and 40% during peak. (No change for Non-Continuous process industry).• Power holidays lifted to all industries from 13-01-2012 - From 21-01-2012 70% supply to continuous process industry during day time i.e from 6:00 AM to 6:00 PM and 100% supply for balance period. No LR for non-continuous process industries. • During the period 11-02-2012 to 29-02-2012 5 days power holidays to continuous process Industries. - One day power holiday introduced to non-continuous process industries from 15-02-2012 and enhanced to 2days/week from 18-02-2012 and 3 days/week (or 40% cut for the total March month) from 08-03-2012. Peak hour restrictions also imposed from 08-03-2012. 12 days power holiday (or 40% cut for the total March Month) for continuous process industries for the month of March'12 with peak load restrictions.			
2012-13	Industries : As per Hon'ble APERC orders on Restriction and Control Measures dated 7.9.2012/ 14.9.12 restrictions on contract demand and energy consumption on various industries from 12th September 2012 to March 2013			
2013-14	a) Industries : As per Hon'ble APERC orders on Restriction and Control Measures dated 17.04.2013 restrictions on contract demand and energy consumption on various industries is being implemented from meter reading date April 2013 to meter reading date of June 2013 b) As per Hon'ble APERC amendment orders on Restriction and Control Measures dated 15-6-2013 the supply enhanced from 66% to 80% and will be in force till the meter reading date of September 2013. c) As per Hon'ble APERC amendment orders on Restriction and Control Measures dated 2-7-2013, the supply enhanced from 80% to 100% during the peak hours and 40% to 50% and will be in force till the meter reading date of July 2013 to meter reading date of September 2013 d) As per Hon'ble APERC amendment orders on Restriction and Control Measures dated 31-7-2013 the restrictions and control measures completely lifted from 1-8-2013. e) There was no power restrictions during 1-8-2013 to 02-3-2014. f) From 3-3-2014 onwards one day power holiday in a week was imposed.			
2014-15 Combined AP	Details	From 03.03.2014	From 09.05.2014	From 14.05.2014
	Hyderabad	3 Hours in two spells	3 Hours in two spells	3 Hours in two spells
	Tirupati,Vizag and warangal	3 Hours in two spells	3 Hours in two spells	3 Hours in two spells
	Corporations and District Headquarters	3 Hours in two spells	3 Hours in two spells	3 Hours in two spells
	Towns and Municipalities	4 Hours in two spells	4 Hours in two spells	4 Hours in two spells
	Mandal HQ	6 Hours in two spells	6 Hours in two spells	6 Hours in two spells
	Rurals	Lighting supply during 06.00PM to 06.00AM and day supply along with agriculture supply.	Lighting supply during 06.00PM to 06.00AM and day supply along with agriculture supply.	Lighting supply during 06.00PM to 06.00AM and day supply along with agriculture supply.
	Industries	One day Power Holiday in a week.	One day Power Holiday in a week.	Nil.
2014-15 Residual AP	From 14/05/2014 Tirupati and Vizag : 3 Hours in two spells Corporations and District Head quarters:3Hours in two spells Towns & Municipalities:4 Hours in two spells Mandal HQ :6 Hours in two spells Rurals : Lighting supply during 06:00 PM to 06:00AM and day supply		From 01/03/2015 NIL	

7.14 POWER RESTRICTIONS (2016-2018)	
2016-17	1.Total Load Shedding in the state during the year 2016-17 : 34.89 MU (Includes Industrial Load relief of Nil MU)
	2.R&C measures to Domestic Sector and Power Holidays to Industries: NIL
	3.Power Supply to Agricultural sector: i)Three Phase Supply : 7 Hours in one or two spells. li)Single phase supply : No single phase supply for agriculture sector.
2017-18	1. Total Load Shedding in the state during the year 2017-18 : 10.06 MU (Includes Industrial load relief of Nil MU)
	2. R & C measures to Domestic Sector and Power Holidays to Industries : Nil
	3.Power Supply to Agricultural sector: i)Three Phase Supply : 7 Hours in one or two spells. li)Single phase supply : No single phase supply for agriculture sector.

7.15(A) THEFT OF ENERGY CASES IN A.P

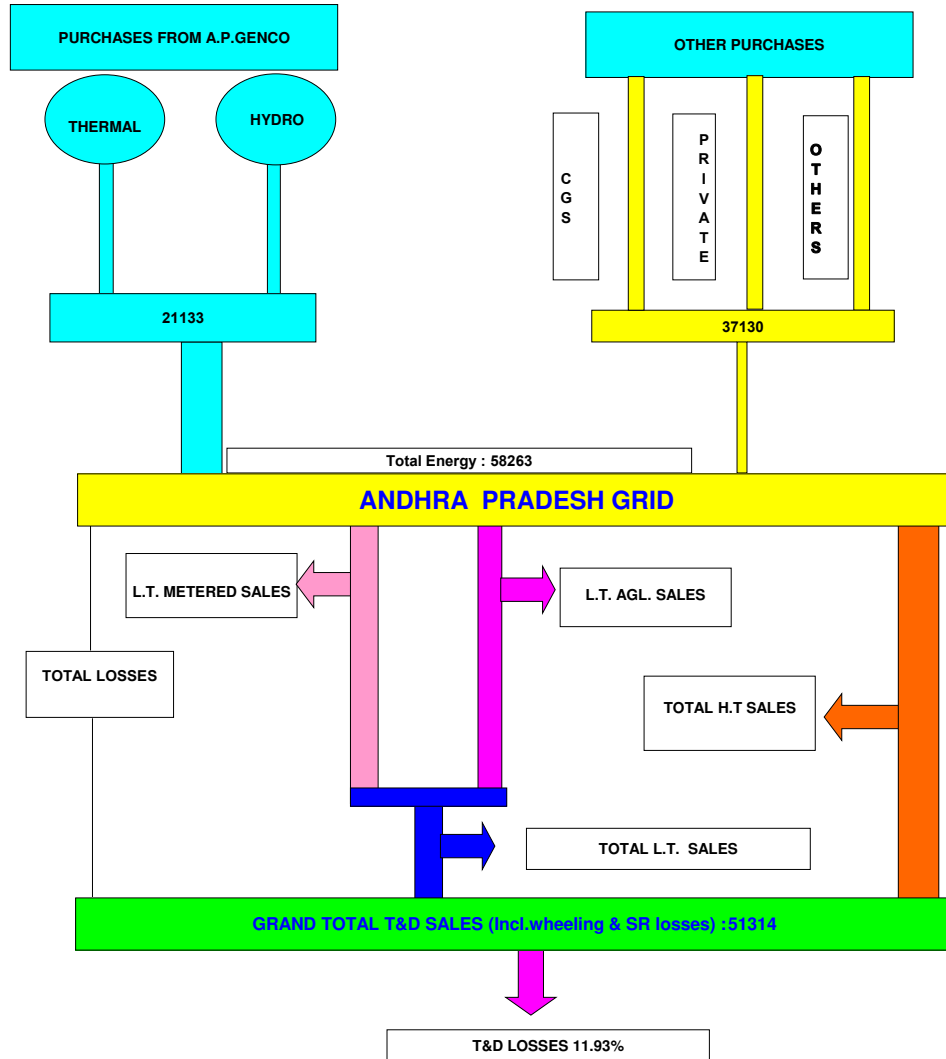
**DISTRICT WISE STATEMENT OF CASES REPORTED AND COMPOUNDED
DURING 2017-18**

S.No.	District/ APTS	No.of cases reported	Assessment amount Collected (In Lakhs)	Cases compounded	Compounding amount collected (in Lakhs)	Persons arrested
	APEPDCL					
1	Srikakulam	1100	11.78	1086	7.69	0
2	Vizianagaram	935	16.635	925	6.92	0
3	Visakhapatnam	1072	68.27	1101	10.85	0
4	East Godavari	1581	230.83	1474	17.42	0
5	West Godavari	1784	153.58	1724	22.54	0
	Total	6472	481.10	6310	65.42	0
	APSPDCL					
1	Krishna	2277	128.20	2276	40.15	0
2	Guntur	4898	116.03	5354	62.93	3
3	Prakasam	4956	68.54	5157	51.37	0
4	Nellore	4353	849.59	4364	89.43	2
5	Chittoor	7280	38.59	6083	37.65	0
6	Kadapa	14991	290.28	15848	148.55	1
7	Ananatapur	9118	701.33	9233	80.22	7
8	Kurnool	11755	117.88	12520	85.87	0
	Total	59628	2310.44	60835	596.17	13
	Grand Total	66100	2791.54	67145	661.59	13

7.15 (B) THEFT OF ENERGY CASES IN A.P.

Year	Theft cases registered by APTS	Cases compounded	No. of arrests	Assessed amount Collected (Rs. in lakhs)	Compounding amount Collected (Rs. in lakhs)
2000-01	18505	11798	1778	900.99	783.29
2001-02	35536	31494	801	1261.45	1127.72
2002-03	108889	68424	1505	1315.82	760.53
2003-04	91168	81082	1816	1307.70	850.84
2004-05	128006	78505	1278	1108.15	746.56
2005-06	165510	130670	2710	1293.11	1023.35
2006-07	108398	125292	1306	1060.90	1031.72
2007-08	125913	125755	708	1234.92	1013.10
2008-09	101603	65678	75	929.89	625.28
2009-10	117312	86431	39	1296.93	816.97
2010-11	133473	140689	94	2011.66	1206.69
2011-12	87671	152760	15	811.27	1373.21
2012-13	116672	121830	25	5394.28	1211.13
2013-14	99454	101514	72	8684.22	1043.38
2014-15 (Apr-14 to May-14) Combined AP	16542	17038	12	965.82	201.515
2014-15 (Jun-14 to Mar-15) Residuary AP	41654	40634	11	1805.82	426.125
2015-16	61992	60436	6	2024.4	697.3
2016-17	62467	60216	23	2405.11	698.21
2017-18	66100	67145	13	2791.53	661.58

A.P.TRANSCO ENERGY BALANCE SHEET 2017-18
(ALL FIGURES IN MU)



8. RURAL ELECTRIFICATION

8.1 - RURAL ELECTRIFICATION PROGRESS AS ON 31-03-2018 AND PROGRAMMED FOR 2018-19

Sl. No.	Particulars	Total Existing in the State as on 31-03-2018 (Nos.)	Total Electrified as on 31-03-2018 (Nos.)	Electrified during 2017-18 (Nos.)	Total Electrified as on 31-03-2018		Balance to be electrified as on 31.03.2018	Programmed to be electrified during 2018-19
					(Nos.)	(%)		
1	Towns (as per 2011 census)	195	195	All electrified	195	100.00	All electrified	All electrified
2	Villages (as per 2011 census)	16158	16158	All electrified	16158	100.00	All electrified	All electrified
3	General Hamlets	24001	23475	0	23475	97.81	526	526
4	Dalitwadas	37402	36312	0	36312	97.09	1090	1090
5	Weaker Section Colonies	22378	21725	0	21725	97.08	653	653
6	Tribal Hamlets/Habitations	6084	5812	10	5812	95.53	272	272
7	SPV Villages	3725	3725	0	3725	100.00	0	0
Sl. No.	Particulars	Total Energized in the State as on 31-03-2017 (Nos.)		Energized during 2017-18 (Nos.)	Total Energized in the State as on 31-03-2018 (Nos.)		Programmed to be Energized during 2018-19	
8	Total Agricultural services released in the state as on 31.03.2018, released during 2017-18 and proposed to be released during 2018-19.	1657258		63412	1720670		1,00,000	

8.2- DISTRICT- WISE GENERAL HAMLETS,TRIBAL HAMLETS/HABITATIONS, DALITWADAS AND WEAKER SECTION COLONIES EXISTING, ELECTRIFIED AND PERCENTAGE OF ELECTRIFIED AS ON 31-03-2018

S.No.	DISTRICT/DISCOM	GENERAL HAMLETS			TRIBAL HAMLETS/ HABITATIONS			DALIT WADAS			WEAKER SECTION COLONIES			GRAND TOTAL		
		Existing	Electrified	%	Existing	Electrified	%	Existing	Electrified	%	Existing	Electrified	%	Existing	Electrified	%
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	EPDCL															
1	SRIKAKULAM	1305	1305	100.00	914	903	98.80	1922	1922	100.00	1783	1774	99.50	5924	5904	99.66
2	VIZIANAGARAM	779	779	100.00	1180	1180	100.00	1703	1703	100.00	887	863	97.29	4549	4525	99.47
3	VISAKHAPATNAM	1293	1287	99.54	2283	2283	100.00	1265	1265	100.00	816	815	99.88	5657	5650	99.88
4	EAST GODAVARI	939	938	99.89	497	497	100.00	3155	3155	100.00	1867	1859	99.57	6458	6449	99.86
5	WEST GODAVARI	1966	1960	99.69	231	229	99.13	2949	2940	99.69	1448	1439	99.38	6594	6568	99.61
	TOTAL for EPDCL	6282	6269	99.79	5105	5092	99.75	10994	10985	99.92	6801	6750	99.25	29182	29096	99.71
	SPDCL															
6	KRISHNA	959	959	100.00	0	0	0.00	2729	2729	100.00	2488	2488	100.00	6176	6176	100.00
7	GUNTUR	1264	1255	99.29	226	192	84.96	2667	2544	95.39	902	840	93.13	5059	4831	95.49
8	PRAKASAM	1395	1241	88.96	109	82	75.23	3782	3490	92.28	1439	1369	95.14	6725	6182	91.93
9	SPS NELLORE	1398	1346	96.28	64	0	0.00	4738	4639	97.91	1299	1237	95.23	7499	7222	96.31
10	CHITTOOR	7711	7702	99.88	171	136	79.53	4512	4366	96.76	3140	3115	99.20	15534	15319	98.62
11	KADAPA	2158	2158	100.00	13	5	38.46	2312	2270	98.18	2009	1954	97.26	6492	6387	98.38
12	ANANTAPUR	1792	1766	98.55	265	217	81.89	3106	3036	97.75	1912	1729	90.43	7075	6748	95.38
13	KURNOOL	1042	779	74.76	131	88	67.18	2562	2253	87.94	2388	2243	93.93	6123	5363	87.59
	TOTAL for SPDCL	17719	17206	97.10	979	720	73.54	26408	25327	95.91	15577	14975	96.14	60683	58228	95.95
	STATE TOTAL	24001	23475	97.81	6084	5812	95.53	37402	36312	97.09	22378	21725	97.08	89865	87324	97.17

**8.3 - VILLAGES ELECTRIFIED WITH SPV PANELS - DISTRICT- WISE
LAYING OF
CONVENTIONAL LINES IN PLACE OF DEFUNCT SPV PANELS**

Sl. No.	District / Discom	Existing (in Nos)	Total Electrified (in Nos)	% Electrified
1	2	3	4	5
	EPDCL			
1	SRIKAKULAM	53	53	100.00
2	VIZIANAGARAM	157	157	100.00
3	VISAKHAPATNAM	2627	2627	100.00
4	EAST GODAVARI	491	491	100.00
5	WEST GODAVARI	0	0	0.00
	TOTAL for EPDCL	3328	3328	100.00
	SPDCL			
6	KRISHNA	0	0	0.00
7	GUNTUR	0	0	0.00
8	PRAKASAM	1	1	100.00
9	SPS NELLORE	10	10	100.00
10	CHITTOOR	386	386	100.00
11	YSR KADAPA	0	0	100.00
12	ANANTAPUR	0	0	0.00
13	KURNOOL	0	0	0.00
	TOTAL for SPDCL	397	397	100.00
	STATE TOTAL	3725	3725	100.00

**8.4-AGRICULTURAL SERVICES RELEASED IN ANDHRA PRADESH
AS ON 31-03-2018**

S. No.	DISCOM/DISTRICT	Total Agl. services as on 31-03-2017	Agl. services released during 2017-18	Total Agl. services released as on 31-03-2018
EPDCL				
1	SRIKAKULAM	30961	789	31750
2	VIZIANAGARAM	40920	1054	41974
3	VISAKHAPATNAM	40585	989	41574
4	EAST GODAVARI	49886	448	50334
5	WEST GODAVARI	95526	502	96028
	TOTAL	257878	3782	261660
SPDCL				
6	KRISHNA	99830	7523	107353
7	GUNTUR	104323	7210	111533
8	PRAKASAM	161772	10212	171984
9	SPS NELLORE	172123	6076	178199
10	CHITTOOR	306116	4504	310620
11	KADAPA	154730	4698	159428
12	ANANTAPUR	246629	9326	255955
13	KURNOOL	153857	10081	163938
	TOTAL	1399380	59630	1459010
	STATE TOTAL	1657258	63412	1720670

**8.5 - YEAR- WISE AND CUMULATIVE NUMBER OF AGRICULTURAL PUMP-SETS
ENERGISED IN THE A.P.STATE.
(Including R.E.Co-operatives)
(1960 - 2018)**

S. No.	Year	Year -wise Number of Agriculture pump-sets energised	Cumulative Number of Agricultural pump-sets energised
1	2	3	4
1	1960-61	4580	17968
2	1961-62	5819	23787
3	1962-63	6809	30596
4	1963-64	5345	35941
5	1964-65	8868	44809
6	1965-66	12416	57225
7	1966-67	9519	66744
8	1967-68	24635	91379
9	1968-69	30942	122321
10	1969-70	34179	156500
11	1970-71	29238	185738
12	1971-72	26466	212204
13	1972-73	24997	237201
14	1973-74	24788	261989
15	1974-75	13083	275072
16	1975-76	8518	283590
17	1976-77	12778	296368
18	1977-78	21989	318357
19	1978-79	26945	345302
20	1979-80	42990	388292
21	1980-81	55303	443595
22	1981-82	43063	486658
23	1982-83	49115	535773
24	1983-84	43513	579286
25	1984-85	56717	636003
26	1985-86	88712	724715
27	1986-87	94808	819523
28	1987-88	117235	936758
29	1988-89	99726	1036484
30	1989-90	75085	1111569
31	1990-91	81794	1193363
32	1991-92	80609	1273972
33	1992-93	124077	1398049
34	1993-94	106926	1504975
35	1994-95	100832	1605807
36	1995-96	37186	1642993
37	1996-97	178298	1821291
38	1997-98	★ 3398	1824689
39	1998-99	59997	1884686
40	1999-2K	48227	1932913
41	2000-01	6660	1939573
42	2001-02	267479	2207052
43	2002-03	50917	2257969
44	2003-04	51636	2309605
45	2004-05	64760	2374365
46	2005-06	66458	2440823
47	2006-07	86977	2527800
48	2007-08	71835	2599635
49	2008-09	81036	2680671
50	2009-10	88604	2769275
51	2010-11	139731	2909006
52	2011-12	152908	3061914
52	2012-13	141957	3203871
53	2013-14	140766	3344637
DATA FOR RESIDUAL ANDHRA PRADESH			
54	2014-15	60828	1509495
55	2015-16	72360	1581855
56	2016-17	75403	1657258
57	2017-18	63412	1720670
★	Pumpsets Energised by RESCOs only.		

8.6 YEAR- WISE REC SCHEMES AS ON 31.03.2018

(Rs.In Crores)

Sl. No	Year	No.of Schemes Sanctioned	Loan Amount Sanctioned by		Loan Amount Released by	
			REC	Banks	REC	Banks
1	1969-70	2	0.91	--	--	--
2	1970-71	8	5.52	--	1.07	--
3	1971-72	5	2.89	--	3.02	--
4	1972-73	16	5.74	--	3.58	--
5	1973-74	37	6.96	--	5.46	--
6	1974-75	33	7.99	--	4.72	--
7	1975-76	28	8.11	--	4.76	--
8	1976-77	24	7.79	--	6.29	--
9	1977-78	33	9.86	--	8.45	--
10	1978-79	70	14.68	10.865	10.33	--
11	1979-80	48	6.83	6.100	11.30	3.43
12	1980-81	91	16.81	15.460	12.16	6.97
13	1981-82	75	14.55	15.887	12.67	7.20
14	1982-83	101	22.68	24.402	14.34	12.80
15	1983-84	167	39.14	39.436	16.51	16.63
16	1984-85	165	39.03	26.242	13.06	25.88
17	1985-86	171	30.12	43.020	36.01	28.78
18	1986-87	281	54.16	63.964	43.30	46.25
19	1987-88	376	96.83	57.551	60.61	49.69
20	1988-89	305	61.65	84.538	46.42	51.64
21	1989-90	217	43.04	33.880	45.63	57.28
22	1990-91	206	53.75	37.621	52.38	39.01
23	1991-92	137	55.66	24.793	26.12	40.04
24	1992-93	357	80.94	43.171	45.08	42.49
25	1993-94	509	97.98	112.803	100.00	64.80
26	1994-95	551	146.64	149.837	127.10	120.72
27	1995-96	50	40.86	--	56.01	43.70
28	1996-97	22	24.91	--	37.93	3.71
29	1997-98	32	34.22	--	6.85	-
30	1998-99	135	229.53	--	105.79	-
31	1999-2K	18	63.41	--	95.55	--
32	2000-01	293	878.21	--	399.09	--
33	2001-02	123	912.89	--	414.70	--
34	2002-03	181	978.61	--	726.40	--
35	2003-04	365	1327.55	--	967.04	--
36	2004-05	256	687.00	--	870.07	--
37	2005-06	116	2062.91	--	600.44	--
38	2006-07	122	1272.05	--	605.34	--
39	2007-08	102	1399.64	--	944.38	--
40	2008-09	77	632.18	--	732.25	--
41	2009-10	91	1449.58	--	1152.66	--
42	2010-11	75	1416.53	--	1208.08	--
43	2011-12	175	2854.17	--	1103.84	--
44	2012-13	140	3389.05	--	2933.50	--
45	2013-14	416	5202.59	--	1542.21	--
46	2014-15	48	700.12	--	7.83	--
47	2015-16	22	2958.27	--	667.57	--
48	2016-17	43	2323.95	--	2197.26	--
49	2017-18	63	6494.42	--	3261.76	--
	TOTAL	6978	38262.91	789.57	21346.92	661.03

8.7 REC SCHEMES - ACHIEVEMENTS (PHYSICAL)

Electrified as on 31-03-2018

Sl.N o.	Particulars	Existing /Target (Nos.)	Achievement (Nos.)	Programmed to be released during 2018-19
1	2	3	4	5
1	SPV.Villages	3,725	3,725	0
2	General Hamlets	24,001	23,475	526
3	Pump-sets energization during 2017-18	50000	63,412	1,00,000
4	Dalit Wadas/WSC/Tribal Habitations	65864	63849	2,015

8.8 REC SCHEMES - LOANS SANCTIONED / RELEASED (INCLUDING BANKS)

1969- 70 TO 2017- 18 (SCHEME- WISE)

(Rs. in Crores)

Sl.N o.	Name of the Scheme	No. of Schemes	Loan amount Sanctioned	Loan Amount Released as on 31-03-2018
1	2	3	4	5
1	Interest free new schemes			
i	SPV Village electrification(P:VE(SG))	14	33.4605	25.79
ii	Dalit Basties electrification(P:DB(SG))	107	168.31	162.71
iii	Tribal hamlet electrification(P:HE(SG))	30	54.34	54.34
2	Normal (P:IE)	561	340.40	327.28
3	Dalit Basties electrification(P:DB)	504	58.60	47.12
4	Tribal hamlet electrification(P:HE)	3	2.33	2.33
5	MNP(Minimum Needed Programme)	38	16.38	16.38
	RGGVY SCHMES			
2	It is programmed to electrify 14,309 un-electrified habitations and 39,54,128 rural households at an estimated cost of Rs.887.40 crores under RGGVY as per revised sanctions programmed in five years, i.e. 2005-06, 2006-07, 2007-08 , 2008-09, 2010-11, 2011-12,2012-13,2013-	22	887.40	795.00
3	CEN/SISL/SPDGS (Conservation of Energy in electrical Network ,System improvement and Special Loan Special projects & Decentralised Generating Systems)	562		
4	P:IE	211		
5	P:SI (33/11KV SS, 400/220KV SS, 132/33 KV SS)	445		
6	SI (Meters)	91		
7	SI (Transformers)	109	21401.7055	11506.63
8	SI (Conductors)	39		
9	SI (VCBs)	9		
	SI (Lines)	91		
10	SI (Bulk Loans)	28		
11	STL	69		
12	SPDGS	1		
13	CE(P)	2		
14	LT	8		
15	HVDS (Addl.Loan)	228	7062.9394	2670.24
16	APDRP & R-APDRP	178	1713.36369	1016.291
17	SPA: PE (Special Projects Agriculture)	3374	6550.7305	4089.47
18	DDG under RGGVY	214	40.9176	9.47
19	DDUGJY	26	642.5230	321.31
20	REN-SPL	2		1000.00
21	Solar Pumpsets-Renewable Energy	2		45.26
22	OTHERS	10	156.8099	29.22
	TOTAL	6978	39130.21	22118.84

8.9ACCIDENTS

Sl.No	Category	1982-83	83-84	84-85	85-86	86-87	87-88	88-89	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98
1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1.	DEPARTMENTAL																
	A) Fatal	39	36	20	24	43	40	29	44	39	59	45	39	32	38	35	39
	B) Non-Fatal	160	135	89	89	52	86	80	91	82	119	123	81	82	98	83	73
	Total	199	171	109	113	95	126	109	135	121	178	168	120	114	136	118	112
2.	NON-DEPARTMENTAL																
	A) Fatal	133	104	72	88	150	150	142	186	121	202	309	15	11	309	300	
		(a-60)	(a-58)	(a-62)	(a-73)	(a-87)	(a-105)	(a-80)	(a-105)	(a-135)	(a-103)	(a-195)	(a-229)	-	-	(a-346)	(a-101)
	B) Non-Fatal	51	31	24	43	33	29	54	46	13	2	4	28	20	11	56	42
3.	Total	184	135	96	131	183	187	204	188	199	123	206	337	35	22	365	342
	GRAND TOTAL																
	A) Fatal	172	140	92	112	193	198	179	186	225	180	247	348	47	49	344	339
	B) Non-Fatal	211	166	113	132	85	115	134	137	95	121	127	109	102	109	139	115
	Total	383	306	205	244	278	313	313	323	320	301	374	457	149	158	483	454

Sl. No.	Category	98-99	99-2K (*)	2000-01 (*)	01-02 (*)	02-03 (*)	03-04 (*)	04-05 (*)	05-06 (*)	06-07 (*)	07-08 (*)	08-09	09-10	10-11	11-12	12-13	13-14	14-15 #	15-16	2016-17	2017-18	AP TRANSKO	EP	SP	TOTAL
1.	DEPARTMENTAL	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
1.	A) Fatal	33	52	64	60	55	65	79	77	108	66	71	101	178	343	171	27	18	317	22	13	0	6	7	13
	B) Non-Fatal	71	24	34	43	61	61	47	40	34	68	83	88	63	75	65	40	13	87	8	20	0	5	15	20
	Total	104	76	98	103	116	126	126	117	142	134	154	189	241	418	236	67	31	404	30	33	0	11	22	33
2.	NON-DEPARTMENTAL																								
	A) Fatal	277	177	307	250	442	549	510	595	472	673	887	826	774	554	903	895	391	114	265	598	2	283	313	598
		(a-90)																	(a-212)	(a-200)	(a-312)				0
	B) Non-Fatal	46	34	40	73	96	150	120	142	78	117	166	195	161	87	123	133	68	12	10	90	1	51	38	90
3.	Total	323	211	347	323	538	699	630	737	550	790	1053	1021	935	641	1026	1028	459	126	275	688	3	334	351	688
	GRAND TOTAL																								
	A) Fatal	310	229	371	310	497	614	589	672	580	739	958	927	952	897	1074	922	409	431	287	611	2	289	320	611
	B) Non-Fatal	117	58	74	116	157	211	167	182	112	185	249	283	224	162	188	173	81	99	18	110	1	56	53	110
	Total	427	287	445	426	654	825	756	854	692	924	1207	1210	1176	1059	1262	1095	490	530	305	721	3	345	373	721

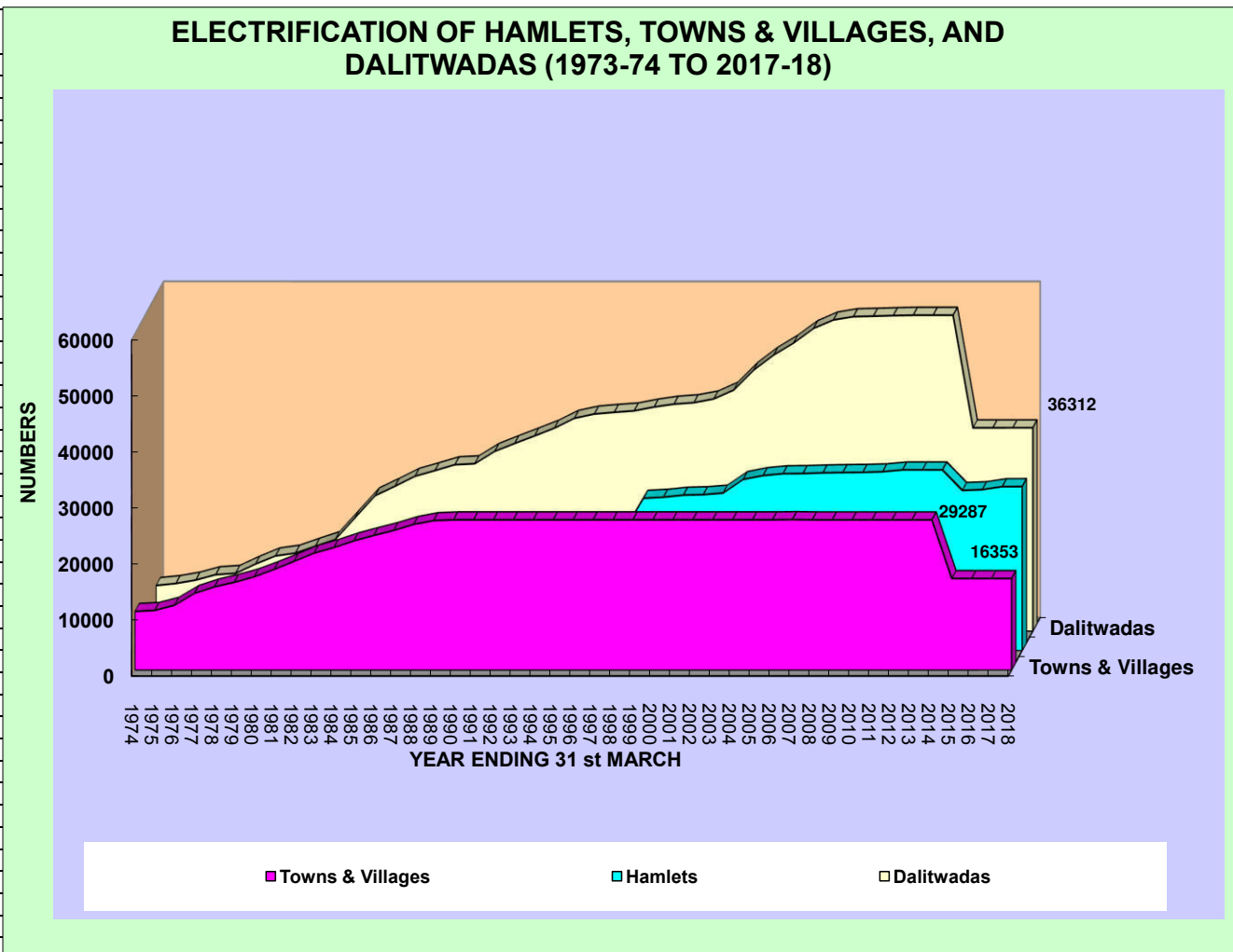
a = Animal

NOTE: Fatal accidents to animals indicated at (a) above is not included in the total of Non- departmental accidents and in Grand total.

* Data reconciled from 1999-2000 onwards(CPDCL data not available for the years 1999-00 to 2001-02)

Data for residual AP(Transco &Discoms)

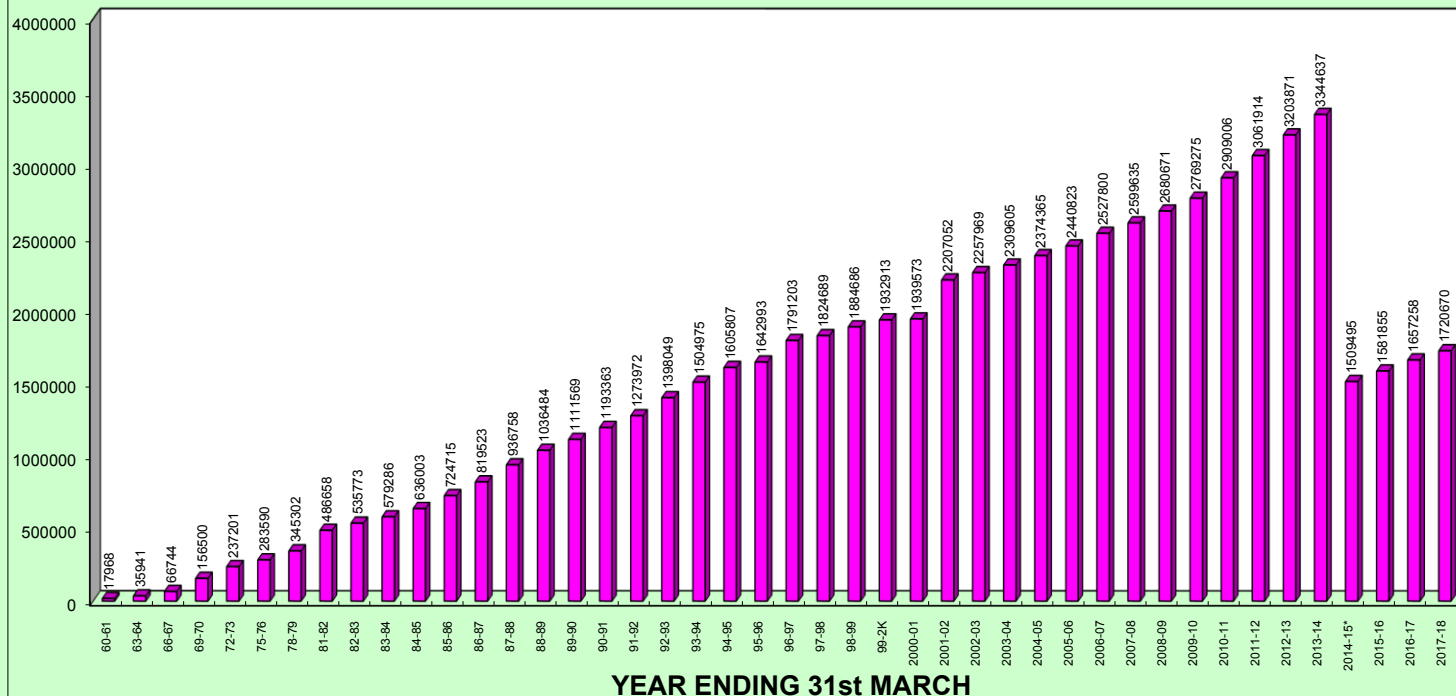
Year	Hamlets	Towns & Villages	Dalitwadadas
1974	5086	10485	8146
1975	5357	10654	8501
1976	5377	11582	9121
1977	5514	13694	10085
1978	5753	14851	10318
1979	6123	15677	11979
1980	6568	16659	13433
1981	7243	17978	13935
1982	7798	19414	15169
1983	8310	20885	16348
1984	8875	21885	20264
1985	9681	23078	24180
1986	11135	24037	25874
1987	12801	24942	27651
1988	13643	26018	28667
1989	15071	26690	29718
1990	15904	26829	29899
1991	16578	26829	32095
1992	17400	26829	33505
1993	18910	26829	34862
1994	19702	26829	36257
1995	20902	26829	38007
1996	20956	26829	38772
1997	21036	26829	39074
1998	21193	26829	39337
1999	27209	26829	40021
2000	27391	26829	40537
2001	27762	26829	40797
2002	27849	26829	41466
2003	28134	26829	43052
2004	30560	26829	46616
2005	31253	26829	49298
2006	31593	26829	51440
2007	31622	26877	54042
2008	31741	26823	55572
2009	31799	26823	56156
2010	31838	26823	56239
2011	31940	26823	56340
2012	32271	26823	56408
2013	32271	26823	56408
2014	32271	26823	56415
2015	28611	16353	36309
2016	28739	16353	36312
2017	29282	16353	36312
2018	29287	16353	36312



YEAR	NUMBERS
60-61	17968
63-64	35941
66-67	66744
69-70	156500
72-73	237201
75-76	283590
78-79	345302
81-82	486658
82-83	535773
83-84	579286
84-85	636003
85-86	724715
86-87	819523
87-88	936758
88-89	1036484
89-90	1111569
90-91	1193363
91-92	1273972
92-93	1398049
93-94	1504975
94-95	1605807
95-96	1642993
96-97	1791203
97-98	1824689
98-99	1884686
99-2K	1932913
2000-01	1939573
2001-02	2207052
2002-03	2257969
2003-04	2309605
2004-05	2374365
2005-06	2440823
2006-07	2527800
2007-08	2599635
2008-09	2680671
2009-10	2769275
2010-11	2909006
2011-12	3061914
2012-13	3203871
2013-14	3344637
2014-15*	1509495
2015-16	1581855
2016-17	1657258
2017-18	1720670

NUMBERS

AGRICULTURAL PUMPSETS IN SERVICE (1961 - 2018)



* From 2014-15 data pertains to residual A.P

9. FINANCE

9.1 PATTERN OF FINANCING

Rs.in Crores

SL.No.	Description	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	* 98-99	* 99-2K
A.	CAPITAL EXPENDITURE	479.04	648.57	893.46	1015.56	1216.85	1368.91	1018.18	1018.02	910.49	272	1118.62
	DEBT REPAYMENT											
1.	Government (From 2004-05 excl. Swapping)	2.96	4.89	7.27	23.11	38.18	58.71	2.39	20	300	-	50.02
2.	Open Market	0	0	0	0	0	22.00	33.21	20.63	20.78	-	18.15
3.	L.I.C	11.65	11.3	11.62	14.13	18.33	22.74	21.43	20.95	22.33	-	1.6
4.	R.E.Bonds	--	--	--	--	--	--	-	-	-	-	-
5.	REC (incl.SPA & Inventory)	81.33	57.61	80.12	84.27	85.64	116.43	134.41	183.33	136.51	62.72	328.42
6.	Banks & Others (including Voluntry Loans, Contributions)	11.31	13.45	10.04	36.75	172.23	296.94	159.32	458.34	483.78	38.06	162.96
7.	P.F.C	4.34	17.02	28.74	42.67	58.42	76.98	323.63	73.99	78.73	38.06	20.13
8.	Industrial Development Bank of India	26.37	29.34	37.51	59.04	80.25	150.36	96.64	364.11	92.56	52.12	133.58
9.	others(OsmaniaUniversity & SIDBI)											
	TOTAL CAPITAL OUTGOINGS	617.00	782.18	1068.76	1275.53	1669.90	2113.07	1789.21	2159.37	2045.18	462.96	1833.48
B	CAPITAL RECEIPTS											
1.	Government Loans	270.9	318.5	404.55	505.68	463.32	632.37	547.33	988.49	1319.39	397.24	1368.16
2.	C E A	--	--	--	--	--	--	--	-	-	-	-
3.	Open Market Loan	--	--	--	--	--	--	--	500	600	410.63	2602.61
4.	REC (SPA & Inventory)(@)	98.89	83.48	89.26	164.8	250.82	171.91	45.35	64.98	379.01	265.57	513.03
5.	L.I.C	10.03	31.03	62.13	68.95	55.57	34.88	26.62	-	-	-	-
6.	Banks & Others including Voluntary Loan Repayment	5.4	0.45	67.93	259.77	344.99	311.96	208.91	494.25	280.51	87.59	234.74
7.	I.D.B.I.	17.24	33.71	32.96	161.47	307.34	82.21	30.74	329.06	26.58	18.03	347.23
8.	P.F.C.(@)	83.84	138.28	167.84	175.2	323.89	313.46	256.57	79.48	131.06	24.54	62.78
9.	B.H.E.L./SIDBI	--	--	53.21	51.69	45.10	274.67	91.57	86.9	-	-	-
10.	Assistance from Central sponsored Scheme	--	--	--	--	--	--	--	-	-	-	-
11.	Contribution to Depreciation	94.45	115.25	147.42	166.06	266.19	303.81	413.91	435.21	414.51	44.92	301.69
12.	Reserve (Consumer Contribution of Service Connection) Lines other than Revenue Cap-Appropriated for repayment of Loans	38.43	60.17	61.53	55.9	76.91	76.15	164.62	140.23	-309.47	32.17	157.55
13.	Contribution to general reserve utilisation of Cash Balance	--	--	--	--	--	--	--	-	-	-	-
14.	Provident Fund/Pension/Gratuity	9.52	15.11	14.38	11.84	14.28	27.45	0.78	13	-196.7	11.57	57.07
15.	Debts & Deposition (Consumer Deposits)	38.2	32.34	59.21	86.92	61.54	56.32	121.64	79.39	101.27	12.15	67.62
16.	Regularisation of Agl.pumpsets	--	6.25	--	--	--	--	--	-			
	TOTAL	666.9	834.57	1160.42	1708.28	2209.95	2285.19	1908.04	3210.99	2746.16	1304.41	5712.48

* TRANSCO including DISCOMs

@ including short term borrowings.

1. The loan repayments to Government amounting to Rs 694.42 crs have been swapped by availing REC loan during FY 2003-04 . Hence, the same are included under both repayments and receipts.

2. Open market borrowing of GOAP to discharge Vidyt Bonds liability taken over by GOAP. Hence, the same are included under both repayments and receipts.

9.1 PATTERN OF FINANCING (APTRANSCO)

Rs. Crores

SL.No.	Description	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
A.	CAPITAL EXPENDITURE	420.14	459.11	362.62	248.01	415.38	358.18	499.46	482.06	555.91	906.92	1092.35	1221.09	1135.57	1372.97	968.70
A1.	DEBT REPAYMENT															
1.	Government (From 2004-05 excl. Swapping)	68.26	329.9	100.12	840.9	6.97	39.66	2.56	1.66	2.1	2.14	4.71	13.13	29.67	38.09	2.14
2.	Open Market	6.88	0	14.03	380		0									
3.	L.I.C	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.93	0.93						
4.	R.E.Bonds	-	-				0									
5.	REC (incl.SPA & Inventory)	125.15	236.89	414.43	307.13	437.25	137.13	103.51	109.4	111.87	88.95	75.96	77.67	87.19	117.82	51.87
6.	Banks & Others (including Voluntary Loans, Contributions)	206.2	55.9	75.28	146.31	198.74	38.5									
7.	P.F.C	108.14	13.13	77.83	259.93	67.52	49.48	55.01	82.01	130.06	131.26	134.92	132.61	134.39	145.65	84.94
8.	Industrial Development Bank of India	141.07	102.61	72.81	60.62	44.58	9.86	3.26								
9.	others(OsmaniaUniversity & SIDBI)/Banks					8.33	0	22.93	21.68	39.62	79.56	105.06	102.74	122.32	137.75	80.76
	TOTAL CAPITAL OUTGOINGS	1077.44	1199.14	1118.72	2244.5	1180.37	634.41	688.33	697.74	840.49	1208.83	1413.00	1547.24	1509.14	1812.28	1188.41
B	CAPITAL RECEIPTS															
1.	Government Loans	400.67	534.16	355.49	231.44	61.34	8.77	3.17	4.58	0.48	167.6	148.63	148.41	136.55	149.91	0.00
2.	C E A	-	-				0									
3.	Open Market Loan	-	35.38	262.01	380		0									
4.	REC (SPA & Inventory)(@)	109.56	250	426.57	779.36	180.48	67.33	50.3	14.42	14.17	120.61	125.29	241.07	273.94	174.14	511.87
5.	L.I.C	-	-	-			0									
6.	Banks & Others including Voluntary Loan Repayment	-	-	42	295		0	68.25	78.66	222.93	153.81	270.61	230.52	108.6	152.76	151.05
7.	I.D.B.I.	57.8	19.59				7.15									
8.	P.F.C. (@)	151.56	123.06	378.46	146.39	72.13	224.29	206.74	219.81	122.15	120.76	191.63	308.34	169.92	107.66	35.33
9.	B.H.E.L./SIDBI	-	-				0									
10.	Assistance from Central sponsored Scheme	-	-				0									
11.	Contribution to Depreciation	104.69	157.63	194.86	217.35	223.81	261.72	242.43	266.11	291.78	316.94	357.69	392.53	416.49	462.12	251.22
12.	Reserve (Consumer Contribution of Service Connection) Lines other than Revenue Cap- Appropriated for repayment of Loans	NA	3.92	9.45	8.9	34.17	0									
13.	Contributions ,Grants and Subsidies	-	-			11.61	13.99	27.08	72.76	129.98	46.26	289.1	363.65	148.2	127.42	1.67
14.	Provident Fund/Pension/Gratuity	8.59	8.75	-6.14	-10.32	3.98	0									
15.	Debts & Deposition (Consumer Deposits)	-	-				0									
16.	Regularisation of Agl.pumpsets	-	-				0									
17.	Bank of Maharashtra (for swapping of Govt. loan)						34.96									
18.	Internal Resources						16.2	90.36	41.4	59	282.85	30.05	-137.28	255.44	638.27	237.27
	TOTAL	832.87	1132.49	1662.70	2048.12	587.52	634.41	688.33	697.74	840.49	1208.83	1413.00	1547.24	1509.14	1812.28	1188.41

@ including short term borrowings.

budget

1. The loan repayments to Government amounting to Rs 694.42 crs have been swapped by availing REC loan during FY 2003-04 . Hence, the same are included under both repayments and receipts.

2. Open market borrowing of GOAP to discharge Vidyut Bonds liability taken over by GOAP. Hence, the same are included under both repayments and receipts.

9.1 PATTERN OF FINANCING (APTRANSCO)

Rs. Crores

SL.No.	Description	2014-15	2015-16	2016-17	2017-18
A.	CAPITAL EXPENDITURE	968.70	2148.45	2300.44	1412.15
A1.	DEBT REPAYMENT				
1.	Government (From 2004-05 excl. Swapping)	2.14	2.14	2.43	1.72
2	REC	51.87	75.28	100.31	191.7
3	P.F.C	84.94	39.65	48.58	47.69
4	others./Banks	80.76	76.05	235.04	60.75
	TOTAL CAPITAL OUTGOINGS	1188.41	2341.57	2686.80	1714.01
B	<u>CAPITAL RECEIPTS</u>				
1.	Government Loans	0.00	0.00	0	268.14
2.	C E A				
3.	Open Market Loan				
4.	REC	511.87	1096.04	1002.21	758.14
5.	L.I.C				
6.	Banks & Others including Voluntary Loan Repayment	151.05	154.88	236.19	73.67
7.	I.D.B.I.				
8.	P.F.C.	35.33	185.02	214.26	64.4
9.	B.H.E.L./SIDBI				
10.	Assistance from Central sponsored Scheme				
11.	Contribution to Depreciation	251.22	274.06	335.95	468.55
12.	Reserve (Consumer Contribution of Service Connection) Lines other than Revenue Cap-Appropriated for repayment of Loans				
13.	Contributions ,Grants and Subsidies	1.67	135.83	-174.05	78.74
14.	Provident Fund/Pension/Gratuity				
15.	Debts & Deposition (Consumer Deposits)				
16.	Regularisation of Agl.pumpsets				
17.	Bank of Maharashtra (for swapping of Govt. loan)				
18.	Internal Resources	237.27	495.74	1072.24	2.37
	TOTAL	1188.41	2341.57	2686.80	1714.01

9.2 Abstract Balance Sheet (T+D) as on 31st March 2018

(Rs. in Crores)

Particulars	Total (T+D)	Particulars	Total (T+D)
<u>LIABILITIES:</u>		<u>ASSETS</u>	
Loans from Government	299.42	Fixed Assets	28600.38
Equity from Government	934.39	Accumulated Depreciation	(11480.38)
Deferred Tax Liability	143.60	Works-in-progress	5615.71
Cash Credit, OD & other short term borrowings	1871.35	Other Assets	4456.73
Other Grants	8923.18		
Consumer Contribution	4385.01	Investments	
Long term Capital Liabilities		Equity in Joint Ventures	489.94
APSEB Bonds & Vidyut Bonds	0.00	Others	115.75
LIC	0.00	Current Assets	
REC & SPA	10660.24	Stocks	737.46
PFC	3404.83	Cash and Bank Balances	1023.37
Inter Corporate Funds	0.00	Receivable against supply of power	3728.60
VLC	0.00	Loans and Advances	9710.76
Banks & Others	312.30	Sundry Receivables	5635.45
Long Term Provisions	1471.80	Deferred Tax Asset	0.00
Other Long term liabilities	2361.52		
Reserves and Reserve Fund			
Reserves	1251.17		
Reserve Funds (PF & Pen.SF)	392.09		
Security Deposit from Consumers	4350.20		
Current Liabilities	23501.03		
Surplus	(15628.36)		
Total Liabilities:	48633.77	Total Assets:	48633.77

9.2 Abstract Balance Sheet (T+D) as on 31st March 2018

(Rs. in Crores)

Particulars	Transco	EPDCL	SPDCL	Total (T+D)	Particulars	Transco	EPDCL	SPDCL	Total (T+D)
<u>LIABILITIES:</u>					<u>ASSETS</u>				
Loans from Government	270.66	19.28	9.48	299.42	Fixed Assets	10649.47	4054.55	13896.36	28600.38
Equity from Government	454.44	121.23	358.72	934.39	Accumulated Depreciation	(3726.95)	(673.97)	(7079.46)	(11480.38)
Deferred Tax Liability	143.60	0.00	0.00	143.60	Works-in-progress	1870.57	398.83	3346.31	5615.71
Cash Credit/OD & other short term borrowings	0.00	544.28	1327.07	1871.35	Other Assets	630.49	3505.69	320.55	4456.73
Other Grants	239.17	3426.99	5257.02	8923.18	Loans to Discoms	0.00	0.00	0.00	0.00
Consumer Contribution	671.55	1414.62	2298.84	4385.01	Investments				
Long term Capital Liabilities					Equity in Joint ventures and Subsidiaries	37.23	165.78	286.93	489.94
APSEB Bonds & Vidyut Bonds	0.00	0.00	0.00	0.00	Others	42.73	73.02		115.75
LIC	0.00	0.00	0.00	0.00	Current Assets				
REC	3183.42	1104.95	6371.87	10660.24	Stocks	453.42	205.31	78.73	737.46
PFC	480.04	848.17	2076.62	3404.83	Receivable against supply of power		30.86	3697.74	3728.60
Inter Corporate Funds	0.00	0.00	0.00	0.00	Cash and Bank Balances	219.95	285.54	517.88	1023.37
VLC	0.00	0.00	0.00	0.00	Loans and Advances	172.34	1418.30	8120.12	9710.76
Banks & Others	508.59	0.00	(196.29)	312.30	Sundry Receivables	130.00	1683.73	3821.72	5635.45
Long term provisions	251.91	470.33	749.56	1471.80					
Other long term liabilities	128.37	589.32	1643.33	2361.02					
Reserves and Reserve Fund					Defferred Tax Asset	0.00	0.00	0.00	0.00
Reserves	1016.13	(40.84)	275.88	1251.17					
Reserve Funds (PF & Pen.SF, CR)	232.09	116.58	43.42	392.09					
Security Deposit from Consumers	0.00	1546.96	2803.24	4350.20					
Current Liabilities	1746.49	4274.28	17480.26	23501.03					
Surplus	1152.79	(3289.01)	(13492.14)	(15628.36)					
Total Liabilities:	10479.25	11147.14	27006.88	48633.27	Total Assets:	10479.25	11147.64	27006.88	48633.77

9.3 REVENUE RECEIPTS & EXPENDITURE												
(Rs.in crores)												
Sl.No.	Details	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99 (Up to 1/99)	1998-99 (2/99 & 3/99)	1999-2K
A)	REVENUE RECEIPTS											
	1.By sale of Power	1210.20	1530.98	1886.84	2172.78	2145.33	2288.33	3286.43	3990.20	3479.64	704.06	4535.45
	By sale of power-Inter state									2.16	1.17	6.82
	2.Miscellaneous	52.74	32.86	48.58	130.24	131.00	154.93	272.14	373.21	382.51	67.33	414.20
	3.Subsidy	38.76	69.54	0.08	0.13	944.11	1259.10	850.37	-	2074.66	474.60	3064.42
	TOTAL (A)	1301.70	1633.38	1935.50	2303.15	3220.44	3702.36	4408.94	4363.41	5938.97	1247.16	8020.89
B)	REVENUE EXPENDITURE											
	1.Fuel/Generation of Power	289.23	375.34	483.90	608.75	719.09	1071.25	1319.69	1627.41	1571.00		-
	2.Power Purchase	238.00	413.54	591.46	742.75	940.29	982.69	1049.40	1767.48	1683.89	911.17	6201.87
	3.O&M Expenses	61.92	78.53	102.96	122.28	132.28	136.81	187.44	204.21	154.01	25.50	133.33
	4.Establishment, General & office expens	210.21	248.57	281.14	314.33	413.13	415.47	546.40	638.92	656.77	119.33	728.37
	5.State Electricity Duty.	36.44	40.01	42.13	51.50	65.23	59.66	68.13	73.68	63.58	10.85	75.35
	6.Others (RBDD)	42.44	21.04	1.01	2.16	21.60	1.80	20.16	2.72	98.97	0.71	3.72
		36.52 ★	5.16									
	7. Prior period Charges(Credits)			(106.66)	(99.93)	18.95	(138.81)	14.75	(4.97)	115.83	60.89	(38.82)
	8 Expenses capitalised											
	TOTAL (B)	914.76 ★	1182.19	1395.94	1741.84	2310.57	2528.87	3205.97	4309.45	4344.05	1128.45	7103.82
	GROSS OPERATING RESULTS (A-B)	386.94 ★	451.19	539.56	561.31	909.87	1173.49	1202.97	53.96	1594.92	118.71	917.07
C)	OTHER EXPENSES											
	1.Depreciation	94.44	115.25	146.75	172.30	286.82	348.27	418.99	434.72	414.01	44.90	301.47
	2.Balance Surplus	292.70	335.94	392.81	389.01	623.05	825.22	783.98	(380.76)	1180.91	73.81	615.60
	(Less Depreciation)											
	3.Interest Charges :											
	a)On Loans from Insti-											
	tutional Creditors	159.91	167.74	220.91	277.12	451.23	691.11	834.98	961.36	1082.05	66.78	645.67
	b)On Loans from											
	State Government	110.06	134.82	176.18	134.56	209.08	130.23	37.53	33.52	187.34	22.70	122.12
	c)Less: IDC	58.26	51.06	83.73	(109.66)	124.51	126.71	217.72	241.25	217.80	29.08	152.19
	TOTAL INTEREST											
	CHARGES	211.71	251.50	313.36	302.02	535.80	694.63	654.79	753.63	1051.59	60.40	651.60
	NET SURPLUS/LOSSES	80.99	84.44	79.45	86.99	87.25	130.59	129.19	(1134.39)	129.32	13.41	0.00
	Provision for Tax											
	NET SURPLUS/(DEFICIT)	80.99	84.44	79.45	86.99	87.25	130.59	129.19	(1134.39)	129.32	13.41	0.00

9.3 REVENUE RECEIPTS & EXPENDITURE

(Rs.in crores)

Sl.No.	Details	1999-2K	2K-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
A)	REVENUE RECEIPTS																	
	1.By sale of Power	4535.45	5591.77	5870.13	7396.96	7654.17	9169.99	8875.17	9979.74	11695.67	12838.68	15491.23	19303.29	23575.8	27068.49	29622.66	16915.67	18709.98
	By sale of power-Inter state	6.82	3.59	2.76	130.15	91.57	110.52	721.60	524.11	987.15	835.3	638.73	1053.81	691.47	581.98	1321.25	581.16	564.17
	2.Miscellaneous(including NTI&ED)	414.20	476.57	510.03	1052.18	1722.01	1005.71	1165.28	642.37	664.76	593.76	724.43	859.48	1093.4	1271.19	1157.58	338.28	400.05
	3.Subsidy	3064.42	2935.68	2457.00	1509.38	1513.49	1303.27	1599.48	1956.07	2866.39	7979.56	6709.1	5855.72	8125.64	5531.67	6305.57	3125.2	3186
	4.Transmission and SLDC Charges (Annual fee,Open Access)								9.73	23.64	43.71	37.29	54.08	97.56	138.23	217.83	1089.99	842.6
	5.Other income							478.29	529.63	606.61	613.02	695.52	624.95	768.41	562.46	1493.63	774.65	
	6.Capital contribution							356.72	189.74	171.86	294.84	366.65	411.61	487.5	712.91	355.07	397.81	
	TOTAL (A)	8021	9008	8840	10089	10981	11589	12362	13947	16957	23069	24509	28189	34620.43	35847.47	39900.26	23899.00	24875.26
B)	REVENUE EXPENDITURE																	
	1.Power Purchase	6201.87	7258.47	7497.26	7579.51	8415.87	8858.54	9122.82	10663.78	12575.8	18306.16	19415.85	21519.06	26821.14	32449.21	32939.23	19045.71	21745.39
	2.O&M Expenses	133.33	156.31	197.64	195.56	166.97	183.66	241.45	257.31	285.67	317.53	324.71	387.99	472.72	634.56	740.61	373.03	225.96
	3.Establishment, General & office expens	728.37	709.91	746.54	868.84	834.99	997.25	926.42	1132.68	1331.94	1432.44	1608.77	2699.88	2731.05	2918.02	3310.33	3493.67	3073.82
	4.State Electricity Duty.	75.35	80.45	83.98	92.98	104.01	122.18	133.38	148.63	178.54	203.88	215.33	245.68	279.33	240.47	294.53	162.9	182.6
	5.Others (RBDD)	3.72	24.61	13.73	9.07	48.13	50.15	124.94	55.46							0		
	6. Prior period Charges(Credits)	(38.82)	15.42	(204.41)	(20.98)	174.58	(4.89)	49.12	(16.21)	-58.23	11.54	-9.68	-9.3	-7.75	-0.36	0.02	(0.34)	(1.60)
	7 Expenses capitalised		0.00	0.00	0.00	0.00	0.00											
	8.Incentive to HT Consumers									261.77	253.78	160.16	55.12	0		0	0	0
	9.other debits									645.82	361.37	66.61	143.37	42.53	12226.85	-25.5	181.45	21.75
	10.Transmission and SLDC Charges																784.62	723.4
	TOTAL (B)	7104	8245	8335	8725	9745	10207	10598	12242	15221	20887	21782	25042	30339.02	48468.75	37259.22	24041.04	25971.32
C)	GROSS OPERATING RESULTS (A-B)	917.07	762.44	505.18	1363.69	1236.69	1382.59	1763.40	1705.38	1735.67	2182.78	2726.89	3146.75	4281.41	(12621.28)	2641.04	(142.04)	(1096.06)
	OTHER EXPENSES																	
	1.Depreciation	301.47	333.23	423.80	497.87	571.88	668.69	757.72	873.25	907.93	1071.3	1219.77	1385.46	1551.10	1693.77	1866.34	1125.35	1263.36
	2.Balance Surplus	615.60	429.21	81.38	865.87	664.81	713.90	1005.68	832.13	827.74	1111.48	1507.12	1761.29	2730.31	(14315.05)	774.7	(1267.39)	(2359.42)
	(Less Depreciation)																	
	3.Interest Charges :																	
	a)On Loans from Institutional creditors	645.67	482.26	473.47	611.01	677.47	716.71	793.48	796.35	739.05	1019.15	1426.88	1668.69	2417.47	2982.47	2270.45	1255.93	1651.48
	b)On Loans from						60.55											
	State Government	122.12	36.56	76.49	117.24	168.68	125.10	5.85	3.89	4.5	3.99	3.16	22.29	35.67	47.73	58.72	11.66	0.48
	c)Less: IDC	152.19	89.61	102.12	101.53	111.26	652.16	114.52	114.95	103.51	102.76	108.42	106.05	146.85	193.26	246.56	206.09	246.15
	TOTAL Interest charges	651.60	429.21	447.84	626.72	734.89	189.65	684.81	685.29	640.04	920.38	1321.62	1584.93	2306.29	2836.90	2082.61	1061.5	1405.81
	Contingency Reserve														2.37	2.28	2.77	2.55
	TOTAL SURPLUS/LOSSES	0	0	(366)	(240)	(70)	62	321		188	191	186	176	424.02	(17154.32)	(1310.19)	(2331.66)	(3767.78)
	MAT credit entitlement of earlier years															32.28	0.00	28.59
	Provision for Tax				18.50	5.64	4.50	29.49	14.00	18.94	22.7	35.33	36.54	74.80	103.29	68.25	37.00	28.59
	Provision for deferred tax								22.64	25.8	62.99	14.31	52.13	51.27	-164.84	-67.73	(19.12)	48.51
	NET SURPLUS/(DEFICIT)	0	0	(366)	(222)	(76)	57	291	110	143	105	136	88	297.95	(17092.77)	(1278.43)	(2349.54)	(3816.29)

9.3 REVENUE RECEIPTS & EXPENDITURE (Transco & Discoms)

(Rs.in crores)

Sl.No.	Details	2015-16	2016-17	2017-18
A)	REVENUE RECEIPTS			
	1.By sale of Power	18709.98	20304.16	23949.72
	By sale of power-Inter state	564.17	191.04	570.46
	2.Miscellaneous(including NTI&ED)	400.05	489.7	589.13
	3.Subsidy	3186	3289.42	4679.08
	4.Transmission and SLDC Charges (Annuul fee,Open Access)	842.6	981.96	1432.71
	5.Other income	774.65	1034.65	1041.36
	6.Capital contribution	397.81	458.16	535.63
	TOTAL (A)	24875.26	26749.09	32798.09
B)	REVENUE EXPENDITURE			
	1.Power Purchase	21745.39	22447.31	25435.28
	2.O&M Expenses	225.96	725.37	657.81
	3.Establishment, General & office expenses	3073.82	2503.05	3110.49
	4.State Electricity Duty.	182.6	196.38	128.93
	5.Others (RBDD)			
	6. Prior period Charges(Credits)	(1.60)	73.44	0
	7 Expenses capitalised			
	8.Incentive to HT Consumers	0	0	0
	9.other debits	21.75	96.9	127.86
	10.Transmission and SLDC Charges	723.4	0	0
	TOTAL (B)	25971.32	26042.45	29460.37
	GROSS OPERATING RESULTS (A-B)	(1096.06)	706.64	3337.72
C)	OTHER EXPENSES			
	1.Depreciation	1263.36	1425.49	1598.09
	2.Balance Surplus (Less Depreciation)	(2359.42)	(718.85)	1739.63
	3.Interest Charges :			
	a)On Loans from Institutional creditors	1651.48	958.36	1381.22
	b)On Loans from State Government	0.48	685.06	518.81
	c)Less: IDC	246.15	102.73	284.22
	TOTAL Interest charges	1405.81	1540.69	1615.81
	Extraordinary items	0	86.83	0.00
	Contingency Reserve	2.55	2.42	2.52
	TOTAL SURPLUS/LOSSES	(3767.78)	(2175.13)	121.30
	MAT credit entitlement of earlier years	28.59	24.11	13.89
	Provision for Tax	28.59	33.47	35.92
	Provision for deferred tax	48.51	53.01	65.98
	NET SURPLUS/ (DEFICIT)	(3816.29)	(2237.50)	33.29

9.3.(A). Revenue Receipts and Expenditure (T+D) for the year 2017-18

(Rs in crores)

Particulars	TRANSCO	EPDCL	SPDCL	Total (D)	Total (T+D)
<u>A. Revenue Receipts</u>					
Sale of Power	0.00	9118.76	14830.96	23949.72	23949.72
Sale of Power - Interstate/UI/inter Discom	0.00	50.33	520.13	570.46	570.46
Miscellaneous	0.00	439.84	149.29	589.13	589.13
Transmission & SLDC Charges - Discoms	0.00	0.00	0.00	0.00	0.00
Transmission & SLDC Charges - others (incl. Annual fee, Open Access)	1432.71			0.00	1432.71
Capital Contributions	30.66	182.02	322.95	504.97	535.63
Other income	73.46	329.52	638.38	967.90	1041.36
Subsidy	0.00	512.42	4166.66	4679.08	4679.08
Total Revenue:	1536.83	10632.89	20628.37	31261.26	32798.09
<u>B. Revenue expenditure:</u>					
Purchase of power	0.00	8793.64	16641.64	25435.28	25435.28
Transmission & SLDC Charges	0.00	0.00	0.00	0.00	0.00
O & M Expenses	214.37	124.94	318.50	443.44	657.81
Establishment (incl. Adm & Gen. Exp)	362.59	871.49	1876.41	2747.90	3110.49
State Electricity Duty	0.00	0.00	128.93	128.93	128.93
Incentive to HT consumers	0.00	0.00		0.00	0.00
Other Debits	0.00	127.86		127.86	127.86
Prior Period Charges/ (Credits)	0.00	0.00		0.00	0.00
Total B	576.96	9917.93	18965.48	28883.41	29460.37
Gross operating results (A - B)	959.87	714.96	1662.89	2377.85	3337.72
<u>C. Other Expenses:</u>					
Depreciation	520.15	357.35	720.59	1077.94	1598.09
Balance Surplus (Less Depreciation)	439.72	357.61	942.30	1299.91	1739.63
Interest & finance Charges					
On loans from Institutions & others	451.47	352.52	577.23	929.75	1381.22
from State Govt.	0.00	0.00	518.81	518.81	518.81
Less: IDC	134.98	0.00	149.24	149.24	284.22
Total Interest & finance Charges	316.49	352.52	946.80	1299.32	1615.81
Extraordinary items				0.00	0.00
Contingency Reserve	0.00	0.00	2.52	2.52	2.52
Total Surplus	123.23	5.09	(7.02)	(1.93)	121.30
MAT credit entitlement of earlier yeas	13.89	0.00	0.00	0.00	13.89
Provision for Tax/(MAT credit)	35.92	0.00	0.00	0.00	35.92
Provision for Deferred Tax/(Deferred Tax Asset)	63.78	2.20	0.00	2.20	65.98
Net Surplus / (Deficit)	37.42	2.89	(7.02)	(4.13)	33.29

9.4 PERCENTAGE OF INCOME AND EXPENDITURE FOR THE PERIOD (1990-91 TO 1998-99)

Sl.No.	I t e m s	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	98-99
		%	%	%	%	%	%	%	%	(Up to 1/99)	(2/99&3/99)
A)	REVENUE RECEIPTS										
1	By Sale of Power	92.97	93.73	97.48	94.34	66.62	61.81	75.09	91.45	58.51	58.45
1(a)	By interstate sale of power										
2	Miscellaneous	4.05	2.01	2.51	5.65	4.06	4.18	6.32	8.55	6.46	5.84
3	Subsidy	2.98	4.26	0.01	0.01	29.32	34.01	18.59	-	35.03	35.71
	TOTAL (A)	100	100	100	100	100	100	100	100	100	100
B)	REVENUE EXPENDITURE										
1	Fuel	23.69	24.23	26.07	27.47	23.09	30.00	30.79	29.60	26.39	-
2	Power Purchase	19.50	26.70	31.87	33.52	30.19	27.51	24.50	32.15	28.98	76.63
3	O& M Expnses	5.07	5.07	5.55	5.52	4.25	3.83	4.03	3.71	3.31	2.15
4	Establishment, General & office Expe.	17.22	16.05	15.15	14.18	13.27	11.63	12.27	11.62	12.37	11.47
5	Central Excise/ State Excise Duty	2.99	2.58	2.27	2.32	2.09	1.67	1.6	1.34	1.09	0.91
6	Net prior period charges									1.99	-0.21
7	Expenses capitalised									-1.06	-1.41
8	Others	6.45	1.69	(-) 5.7	(-)4.41	0.69	(-)3.83	0.88	-0.04	1.7	0.06
C)	OTHER EXPENSES										
1.	Depreciation	7.74	7.44	7.91	7.77	9.21	9.75	9.84	7.91	7.13	3.78
2.	Interest Charges	17.34	16.24	16.88	13.63	17.21	19.44	16.09	13.71	18.1	6.62
	TOTAL (B + C)	100	100	100	100	100	100	100	100	100	100

contd..

9.4 PERCENTAGE OF INCOME AND EXPENDITURE FOR THE PERIOD (1999-2000 TO 2014-15)

Sl.No.	I t e m s	99-2K	2K-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
A)	REVENUE RECEIPTS																
1	By Sale of Power	56.18	62.08	69.85	74.28	69.71	73.95	71.80	71.55	68.87	55.08	63.21	68.48	68.10	75.51	74.24	70.78
1(a)	By interstate sale of power					0.83	0.95	5.84	3.8	5.84	3.62	2.61	3.74	2	1.62	3.31	2.43
2	Miscellaneous	5.48	5.33	2.35	4.87	15.68	13.85	9.42	10.63	3.13	3.20	2.50	3.05	3.16	3.55	2.90	1.42
3	Subsidy	38.34	32.59	27.80	20.85	13.78	11.25	12.94	14.02	16.96	34.59	27.37	20.77	23.47	15.43	15.8	13.08
4	Others									3.93	2.57	2.96	2.47	1.81	2.14	1.79	6.25
5	Capital Contributions									1.12	0.74	1.20	1.30	1.19	1.36	1.41	1.49
6	Transmission and SLDC Charges									0.14	0.19	0.15	0.19	0.28	0.39	0.55	4.56
	TOTAL (A)	100	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100	100	100	100.0
B)	REVENUE EXPENDITURE																
1	Fuel	-	-	-	-	-											
2	Power Purchase	77.11	80.58	81.44	76.95	76.15	76.82	75.58	77.06	75.04	79.72	79.66	76.58	78.14	61.29	79.93	72.61
3	O&M Expenses	1.65	1.75	2.15	1.99	1.51	1.59	2.00	1.86	1.70	1.38	1.33	1.38	1.38	1.20	1.80	1.42
4	Establishment, General & office Exp	9.55	7.88	8.11	8.82	7.56	8.65	7.68	8.19	7.95	6.24	6.60	9.61	7.96	5.51	8.03	13.32
5	Central Electricity/ State Electricity Duty	0.94	0.89	0.91	0.94	0.94	1.06	1.11	1.07	1.07	0.89	0.88	0.87	0.81	0.45	0.71	0.62
6	Net prior period charges	-0.14	0.17	-2.22	-0.21	1.58	-0.04	0.41	-0.12	-0.35	0.05	(0.04)	(0.03)	(0.02)	0.00	0.00	0.00
7	Expenses capitalised	-0.98	0	0.00	0.00	0.00			0.41								
8	Others	0.03	0.27	0.15	0.09	0.44	0.44	1.05		5.09	1.57	0.27	0.51	0.12	23.10	-0.06	0.69
9	Incentives to HT consumers										1.11	0.66	0.2				0
10	Transmission and SLDC Charges																2.99
C)	OTHER EXPENSES																
1.	Depreciation	3.75	3.7	4.60	5.05	5.17	5.80	6.26	6.31	5.42	4.67	5.00	4.93	4.52	3.20	4.53	4.29
2.	Interest Charges	8.09	4.76	4.86	6.36	6.65	5.66	5.67	4.95	3.82	4.01	5.42	5.64	6.72	5.36	5.05	4.05
3	Taxes						0.04	0.24	0.26	0.27	0.37	0.20	0.32	0.37	(0.12)	0.01	0.00
4	Contingency Reserve																0.01
	TOTAL (B + C)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.0

9.4 PERCENTAGE OF INCOME AND EXPENDITURE FOR THE PERIOD (2014-15 TO 2017-18)

Sl.No.	I t e m s	2014-15	2015-16	2016-17	2017-18
		%	%	%	%
A)	REVENUE RECEIPTS				
1	By Sale of Power	70.78	75.22	75.91	73.02
1(a)	By interstate sale of power	2.43	2.27	0.71	1.74
2	Miscellaneous	1.42	1.61	1.83	1.8
3	Subsidy	13.08	12.81	12.3	14.27
4	Others	6.25	3.11	3.87	3.18
5	Capital Contributions	1.49	1.6	1.71	1.63
6	Transmission and SLDC Charges	4.56	3.39	3.67	4.37
	TOTAL (A)	100.0	100.0	100.0	100.0
B)	REVENUE EXPENDITURE				
1	Power Purchase	72.61	75.92	77.38	77.84
2	O&M Expenses	1.42	0.79	2.50	2.02
3	Establishment, General & office Exp	13.32	10.73	8.63	9.52
4	Central Electricity/ State Electricity Duty	0.62	0.64	0.68	0.39
5	Net prior period charges	0.00	(0.01)	0.25	0.00
6	Expenses capitalised				
7	Others	0.69	0.08	0.33	0.39
8	Incentives to HT consumers	0	0.00	0.00	0.00
9	Transmission and SLDC Charges	2.99	2.53	0.00	0.00
C)	OTHER EXPENSES				
1	Depreciation	4.29	4.41	4.91	4.89
2	Interest Charges	4.05	4.91	5.31	4.94
3	Taxes	0.00	0	0.00	0.00
4	Contingency Reserve	0.01	0.01	0.01	0.01
	TOTAL (B + C)	100.0	100.0	100.0	100.00

9.5(A) COST OF POWER AT VARIOUS VOLTAGES
(PAISE / KWH)

Sl.No.	Year	Pooled Cost Including Purchases				Cost at various Voltages			
		Hydro	Thermal	Purchases	Total	33 KV End	11KV End	L.T End	Overall
1	1982-83	7.33	36.24	-	22.29	28.65	34.39	64.94	44.62
2	1983-84	8.74	38.03	-	24.28	31.92	36.83	68.08	48.43
3	1984-85	5.40	39.86	-	22.21	28.84	33.52	60.63	47.43
4	1985-86	7.10	35.96	-	26.79	34.67	40.41	68.93	53.32
5	1986-87	6.58	38.39	-	27.23	35.36	41.26	68.90	55.00
6	1987-88	7.42	40.11	-	29.17	33.67	43.09	70.68	60.00
7	1988-89	6.63	41.52	62.06	30.54	34.16	46.61	77.03	64.00
8	1989-90	9.03	50.18	61.93	35.35	39.21	52.62	84.88	69.00
9	1990-91	9.41	58.14	54.69	35.32	39.82	54.26	88.90	75.00
10	1991-92	10.35	69.46	67.08	45.62	50.75	66.30	102.93	85.00
11	1992-93	11.05	81.91	80.43	55.78	61.82	79.24	117.83	94.00
12	1993-94	8.97	91.02	89.71	61.05	67.59	80.98	126.74	108.00
13	1994-95	13.28	110.72	101.88	75.11	84.55	99.19	154.22	134.85
14	1995-96	21.69	116.43	106.56	92.09	102.32	123.75	172.50	155.22
15	1996-97	17.82	121.98	122.60	96.08	107.32	139.78	234.44	196.85
16	1997-98	19.44	131.68	157.36	117.09	129.55	161.99	264.89	229.43
17	1998-99	22.72	160.59	172.49	134.91	150.00	187.00	316.94	275.57

A.P.GENCO					Purchase of Power			
Sl.No.	Year	Hydro	Thermal	Avg	Year	Purchases from APGENCO	Purchases from Others	Total
18	1999-2K	-	-	133.36	1999-2K	133.36	179.50	151.18
20	2000-01	-	-	153.38	2000-01	153.38	204.31	172.06
21	2001-02	-	-	156.56	2001-02	156.56	213.09	179.05
22	2002-03	-	-	162.42	2002-03	162.42	185.98	173.09
23	2003-04	-	-	171.00	2003-04	171.00	190.12	180.81
24	2004-05	-	-	159.36	2004-05	159.36	188.35	173.21
25	2005-06	-	-	141.00	2005-06	141.00	206.60	173.00
26	2006-07	-	-	138.00	2006-07	138.00	219.00	177.00
27	2007-08	-	-	152.00	2007-08	152.00	265.00	207.00
28	2008-09	-	-	194.00	2008-09	194.00	347.00	276.00
29	2009-10	-	-	231.00	2009-10	231.00	297.00	271.00
30	2010-11	-	-	258.60	2010-11	258.60	310.52	287.03
31	2011-12	-	-	306.78	2011-12	306.78	362.28	336.93
32	2012-13	-	-	402.10	2012-13	402.10	438.32	421.03
33	2013-14	-	-	316.36	2013-14	316.36	471.54	400.76
34	2014-15	-	-	341.00	2014-15	341.00	516.60	440.09
35	2015-16	-	-	407.00	2015-16	407.00	490.04	454.00
36	2016-17	-	-	380.00	2016-17	380.00	469.86	428.00
37	2017-18	-	-	411.00	2017-18	411.00	468.81	440.00

* Provisional Data

9.5(B) AVERAGE REVENUE REALISATION

(PAISE / KWH)					
Sl.No	Year	LT Agrl.	LT Overall	HT	Overall
1	1999-2k	15.16	117.12	337.35	174.20
2	2000-01	21.31	147.80	380.68	205.52
3	2001-02	17.13	145.01	385.03	199.65
4	2002-03	66.00	181.00	396.00	234.00
5	2003-04	33.00	166.78	374.92	224.57
6	2004-05	30.03	166.49	372.99	227.85
7	2005-06	1.02	153.81	379.41	223.83
8	2006-07	1.67	155.93	367.97	222.52
9	2007-08	1.40	174.00	356.82	239.15
10	2008-09	1.35	170.83	367.50	253.13
11	2009-10	1.09	182.02	390.42	266.42
12	2010-11	0.69	193.30	401.56	270.65
13	2011-12	1.03	197.30	419.75	280.02
14	2012-13	3.09	233.73	548.02	345.36
15	2013-14	0.54	253.09	634.62	392.72
16	2014-15	0.39	255.55	588.19	382.55
17	2015-16	4.3	295.33	644.13	424.58
18	2016-17	4.3	288.17	652.15	419.42
19	2017-18	1.937	303.77	680.81	443.72

9.6 COST OF COAL AS ON 31-03-2018				
Sl.No.	Thermal Station	Source of supply	(Rs. / Metric Ton)	GRADE
1	R.T.P.P	SCCL		
		Yellandu	3695.40	G13
		Yellandu	3483.75	G14
		Yellandu	3810.77	G15
		Rudrampur	3695.40	G13
		Manuguru	3794.20	G13
		Ramagundam	5102.72	G9
		Ramagundam	4356.30	G11
		Mandamarri	4391.90	G11
		Mancherial (Sri Rampur)	5102.72	G9
		Manuguru	6153.03	G7
		Bellampalli	5062.76	G10
		MCL		
		All Rail route	4166.22	G12
			4080.38	G13
			4047.00	G14
2	Dr.NTTPS	SCCL		
		Yellandu	3070.69	G13
		Yellandu	2858.10	G15
		Rudrampur	3070.69	G13
		Manuguru	5371.09	G7
		Manuguru	3286.57	G13
		MCL,		
		All rail route	3563.92	G12
			3478.08	G13
			3444.70	G14

Note: SCCL : Singareni Collieries Co. Ltd.
MCL: Mahanandi Coalfields Limited.

9.7 COST OF OILS AS ON 31-03-2018				
		Furnace Oil (Rs/Kl)	HSD Oil (Rs/Kl)	LDO(Rs/Kl)
1	(Dr.NTTPS) V.T.P.S	27566.00	59914.00	-
2	R.T.P.P	27387.00	-	38090.00

Note: FO : Furnace Oil
HSD : High Speed Diesel Oil
LDO : Low Speed Diesel Oil

9.8 RATES OF POWER PURCHASE (Provl)

S .No.	Source	Period		Rate Ps/Kwh		Remarks			
		From	To						
1	Neyveli Lignite Corpn	1.4.86	31.3.87	51.00					
		1.4.87	31.3.88	52.00					
	Thermal St-II	1.4.88	31.3.89	53.00					
		1.4.89	31.3.90	54.00					
		1.4.90	31.3.91	55.00					
				Stage-I	Stage-II				
		1.4.91	31.3.92	61.00	114.00				
		1.4.92	31.3.93	65.58	118.76				
		1.4.93	26.8.93	67.58	119.76				
		27.8.93	1.4.94	69.59	122.45				
		1.4.94	31.3.95	76.35	131.37				
		1.4.95	31.3.96	78.35	132.37				
		1.4.96	31.3.97	91.25	141.33				
		1.4.97	31.3.99	94.90	144.97				
		1.4.98	31.3.99	98.91	149.46				
		1.4.99	31.3.2k	103.31	153.90				
		1.4.2k	31.3.01	108.16	158.80				
	(Provisional rate in the absence of renewal of Agreement)								
		1.4.01	31.12.03	115.60	169.11				
	ABT Cap.charges	1.1.03		47.61	74.50				
	ABT Egy.charges	1.1.03		67.99	94.61				
				115.60	169.11				
	ABT Egy.charges	1.1.04	31.5.04	115.60	169.11				
		1.6.04	31.3.05	115.60	169.11				
	Stage-I	4/05'	10/05'F.C	47.61					
			V.C	67.99					
	Stage-II		F.C	74.50					
			V.C	94.61					
	Stage-I	11/05'	3/06'F.C	37.50					
			V.C	114.08					
	Stage-II		F.C	72.10					
			V.C	114.08					
	Stage-I	06-07'	FC	31.12					
			VC	114.08					
	Stage-II		FC	45.32					
			VC	114.08					
	Stage-I	07-08'	FC	27.72					
			VC	121.00					
	Stage-II		FC	27.72					
			VC	121.00					
	Stage-I	08-09'	FC	32.70					
			VC	121.00					
	Stage-II		FC	35.20					
			VC	121.00					
	Stage-I	10-11	FC	34.16					
			VC	121.00					
	Stage-II		FC	36.54					
			VC	121.00					
NLC	Stage-I	11-12	FC	53.54					
			VC	179.92					
NLC	Stage-II		FC	55.99					
			VC	180.14					
NLC	Stage-I	12-13	FC	64.27					
			VC	197.74					
NLC	Stage-II		FC	64.02					
			VC	215.53					
NLC	Stage-I	13-14	FC	73.53					
			VC	215.21					
NLC	Stage-II		FC	71.09					
			VC	205.37					
NLC	Stage-I	14-15		315.44					
	Stage-II	14-15		306.62					

9.8 RATES OF POWER PURCHASE (Provl)

S No.	Source	Period		Rate Ps/Kwh		Remarks											
		From	To														
NLC	Stage-I	15-16	FC	68.57	336.74												
			VC	317.02													
	Stage-II	15-16	FC	66.68						525.77							
			VC	237.00													
NLC	Stage-I	16-17	FC	85.91													
			VC	250.83													
	Stage-II	16-17	FC	86.29													
			VC	439.48													
NLC	Stage-I	17-18	FC	99.40	402.42												
			VC	303.02													
	Stage-II	17-18	FC	84.93						384.80							
			VC	299.87													
2	Madras Atomic Power Station (NPC)	21.3.86	31.3.91	44.48													
				+FAC							** Period	FAC(Ps)					
										1.4.92 onwards	11.57	paise					
										1.4.93 onwards	13.47	paise					
										1.8.93 onwards	13.96	paise					
										1.12.93 onwards	14.06	paise					
										1.4.94 onwards	15.76	paise					
										1.8.94 onwards	17.10	paise					
										1.11.94 onwards	17.55	paise					
										1.12.94 onwards	17.60	paise					
										1.2.95 onwards	17.62	paise					
										1.4.95 30.11.95	17.63	paise					
										1.12.95 28.2.95	18.09	paise					
										1.3.96 31.7.96	18.25	paise					
										1.8.96 30.11.96	2.03	paise					
										1.12.96 onwards	4.62	paise					
										11.4.97 onwards	17.07	paise					
										1.11.97 onwards	17.11	paise					
										1.4.98 31.10.98	17.28	paise					
										1.11.98 31.3.99	19.76	paise					
										4/02	2.41	HWC					
										5/02 3/03	3.62	(FAC+HWC)					
										4/03	5.79	(FAC+HWC)					
										5/03 onwards	9.31	(FAC+HWC)					
										(Fuel adjustment charges(FAC) includes decommissioning charges, fuel and heavy Water Lease & Make up adjustment charges. The basic costs adopted for UO2 is Rs.2291/Kg & for Heavy Water Rs.4292/Kg; Heavy Water lease at 8% of Rs.4292/Kg (FAC on 31.3.91 : 14.23 Ps)							

9.8 RATES OF POWER PURCHASE

Sl.No	Source	Period		Rate Ps/Kwh	Remarks
		From	To		
1	2	3	4	5	
2	Madras Atomic Power Station (NPC)	3/04	+FAC +HWAC	203.76 4.73 4.58 213.07	
		4/04	+FAC +HWAC Ins	202.51 4.73 -20.95 1.30 187.59	
		5/04 to 8/04	+FAC +HWAC Ins	202.51 8.51 -20.95 1.30 191.37	
		9/04	+FAC +HWAC Ins	202.51 8.51 -20.95 1.28 191.35	
		10/04 & 11/04	+FAC +HWAC Ins	202.51 8.51 -20.95 1.29 191.36	
		12/04 to 3/05	+FAC +HWAC Ins	202.51 8.51 -20.95 1.40 191.47	
		4/05' to 3/06'			
		Basic rate		194.89(Ps)	
		+FAC		19.88	
		+HWAC		-20.82	
		Insurance		1.25	
		04/06'to 9/06			
		Basic rate		194.89	
		+FAC		13.53	
		+HWAC		-20.88	
		Insurance		1.25	
		10/06' to 03/07			
		Basic rate		181.18	
		+HWAC		0.07	
		Insurance up to Nov'06		0.74	
		From 12/06 to 3/07'		0.62	
		2007-08		200.33	
		2008-09		191.60	
		2010-11		197.67	
		2011-12		209.77	
		2012-13		204.14	
		2013-14		207.39	
		2014-15		207.69	
		2015-16		208.90	
		2016-17		219.09	
		2017-18		279.99	
					Average rate taken by dividing total amount by total units

9.8 RATES OF POWER PURCHASE

Sl.No.	Source	Period		Rate Ps/Kwh		Remarks			
		From	To						
1	2	3	4	5					
3	NPC(Kaiga)	2007-08		295.20		Average rate taken by dividing total amount by total units			
		2008-09		308.40					
		2009-10		617.66					
		2010-11		303.76					
		2011-12		311.87					
		2012-13		297.12					
		2013-14		303.84					
		2014-15		306.97					
		2015-16		308.54					
		2016-17		322.16					
4	NTPC(SR) - III	2017-18		365.57		(+) or (-) FSA (add) varies from month to month			
		2005-06		235.14	Cr.				
				Var.	109.92				
		2006-07	FC	235.14	Cr.				
		2008-09		219.00					
				Var.	109.92				
		2009-10		221.73					
		2010-11		246.54					
		2011-12		293.16					
		2012-13		321.88					
	(Ramagundam St.III)	2013-14		362.45					
		2014-15		309.03					
		2015-16	FC	86.46					
			VC	228.04	314.50				
		2016-17	FC	96.43					
			VC	222.44	318.86				
		2017-18	FC	66.32					
			VC	245.12	311.44				
		5	NTPC(SR)	1.3.84	31.10.88		43+FAC		Fuel Adj. Charges on coal and oil varies from month to month which is to be worked out based on basic Coal cost of Rs.258.46 per MT and basic Oil cost of Rs.2957 per Kl.
				1.11.88	31.3.91		65.03		Flat rate tariff proposed by NTPC for this period which is yet to be finalisd and referred to umpire.
1.4.91	31.10.92			---		Tariff yet to be finalised and referred to umpire.			
1.11.92	onwards			Fixed Charges: Rs.382.32 Cr/Annum Vari.ch: 37.66 ps/unit		Two part tarff as per Govt. of India notification No.3/19 (iii)/92-US(CT), Dt.2.11.92 (Avg. rate varies from month to month)			
1.4.95				Fixed Charges: Rs.427.04 Cr/Annum 37.66 ps/unit		(As per GOI Notificationdt.15.12.95) (Avg. rate varied from month to month)			
1.11.98	30.9.99			Fixed Charges: Rs.463.40 Cr/Annum 37.66 ps/unit		(As per GOI Notificationdt.30.11.98) (Avg. rate varied from month to month)			
1.10.99	7/03			Fixed Charges: Rs.512.92 Cr/Annum Vari.ch: 37.66 ps/unit +FAC		Fixed Charges: Rs.544.290 Cr/Annum Vari.ch: 37.66 ps/unit 1.11.02 to onwards +FAC			
8/03				486.08 crs					
8/03				Vari.ch: 82.62 ps.					
9/04	12/04			Vari.ch: 81.62		From 4/04 onwards(Revised)			
	From	1/05	6/05	466.55 Cr					
		7/05	12/05	451.96 Cr					
				Vari.ch: 82.14 ps					
		1/06 on wards		+FAC		From 5/04 onwards (Avg. rate varied from month to month)			
				495.85 Cr					
		06 - 07'	FC	Vari.ch: 82.15		(+) or (-) FSA (add) varies from month to month			
				460.76 Cr					
		07-08'	FC	Vari.ch: 82.84					
				470.3 Cr					
				Vari.ch: 82.84					
	(Ramagundam St.I&II)			FPA 23.42					
		2008-09		175.2					
		2009-10		189.73					
		2010-11		190.23					
		2011-12		209.31					
		2012-13		246.72					
		2013-14		272.06					
		2014-15		296.82					
		2015-16	FC	51.36		275.17			
			VC	223.81					
		2016-17	FC	77.86					
			VC	222.50		300.36			
		2017-18	FC	70.70					
			VC	246.35		317.06			

9.8 RATES OF POWER PURCHASE								
Sl.No.	Source	Period		Rate Ps/Kwh		Remarks		
		From	To					
6	SIMHADRI	Average rate billed from 1.11.92 (including FAC):						
		4/96-3/97		88.08				
		4/97-3/98		108.79				
		4/98-3/99	(Provl)	119.04				
		4/99-3/2k	(Provl)	126.63				
		4/2k-3/01	(Provl)	129.05				
		4/01-3/02	(Provl)	132.55				
		4/02	3/03	130.90				
		4/03	3/04	122.92				
		4/04	3/05(provl)	143.71				
		3/05	9/05	Vari.Ch:	79.62	(Avg. rate varied from month to month)		
		10/05	12/05	452	Cr PA	(Avg. rate varied from month to month)		
		01/06 on wards		452.36	Cr PA	(Avg. rate varied from month to month)		
		06-07'	FC	458.10	Cr			
				Var.chr	77.12			
		2007-08	FC	458.72	Cr			
				Vari.Ch:	77.12			
				FPA	27.08			
		2008-09		193.70				
		2009-10		236.90				
		2010-11		232.77				
		2011-12	Stage I	314.72				
		2011-12	Stage II	380.00				
		2012-13	Stage I	343.11				
		2012-13	Stage II	382.09				
		2013-14	Stage I	356.82				
		2013-14	Stage II	414.72				
		2014-15	Stage I	368.02				
		2014-15	Stage II	421.39				
		2015-16	Stage I	346.00				
		2015-16	Stage II	393.00				
		2016-17	Stage I	384.00				
			Stage II	437.00				
			Stage I	449.00				
			Stage II	488.00				
		7	TALCHER-II & III	8/03 to	Fixed	278.9	cr P.A	
				2/04	VC	44.02	ps	
				3/04	Fixed	564.67	Cr.PA	
					VC	44.02	ps	
				4/04 to	Fixed	564.67	Cr.PA	
10/04	VC			42.26	ps			
11/04 to	Fixed			690.54	cr.P.A			
7/05	VC			42.86	ps			
8/05 on wards. FC				990.73	Cr.P.A			
	VC			42.86	ps			
From '2/06 FC				208.44	Cr.P.A			
	VC			52.35		(+) or (-) FSA (add) varies		
06-07'	FC			990.7265	Cr.P.A			
	VC			50.82				
2007-08	FC			898.55	Cr.P.A			
	VC			58.73	Ps			
	FPA			16.75	Ps			
2008-09				154.1				
2009-10				212.77				
2010-11				238.30				
2011-12				283.98				
2012-13				240.95				
2013-14				238.75				
2014-15				232.89				
2015-16				205.00				
2016-17				256.00				
2017-18				228.00				
8	APGPCL			Stage-I	From 12/90 to 22.12.90	115.00		Demand Charges at Rs.55/KVA
					23.12.91	130.00		Demand Charges at Rs.65/KVA
					23.12.92	134.00		Demand Charges at Rs.75/KVA
					23.6.93	151.00		Demand Charges at Rs.75/KVA
					1.2.98	121.00		Demand Charges at Rs.75/KVA
		1.4.98	151.00			Demand Charges at Rs.75/KVA		
		1.1.99	121.00			Demand Charges at Rs.75/KVA		
		12/02	121.00					
		1/03	3/03		178.00			
		4/03	6/03		152.00			
		7/03	11/03		161.00			
		12/03	onwards		175.00			
		06-07'			133.00			
		07-08'			138.837			
		08-09			200.60			
		2009-10			177.06			
		2010-11			266.59			
		2011-12			580.92			
		2012-13			255.49			
		2013-14			295.16			
		2014-15			358.29			
		2015-16			374.07			
		2016-17			388.00			
		2017-18			355.00			

9.8 RATES OF POWER PURCHASE

Sl. No.	Source	Period		Rate Ps/Kwh		Remarks	
		From	To				
	APGPCL Stage-II	1.5.97	10/97	250.00			
		1.11.97	1/98	280.00			
		1.2.98	31.4.98	270.00			
		1.5.98	30.5.98	243.00			
		1.6.98	onwards	247.00			
		1.12.99	12/2k	275.00			
		1/01	12/01	170.00			
		1/02	3/03	156.00			
		4/03	6/03	163.00			
		7/03	11/03	155.00			
		12/03	1/04	145.00			
		2/04	3/04	73.00			
		4/04-9/04	onwards	142.00			
		10/04		190.00			
		11/04 to	3/05	192.00			
		4/05'to2/06'		165.00			
		3/06' onwards		166.70			
		04/06 to 03/07'		161.00			
		07-08'		115.656			
		08-09		90.40			
		09-10		243.03			
		10-11		199.44			
		11-12		220.50			
		12-13		238.85			
		13-14		305.72			
		2014-15		318.45			
		2015-16		320.86			
		2016-17		282.00			
		2017-18		307.00			
		Un-utilised energy of Apgpcl (St-I)					
				23.12.91	22.12.92	94.00	
				23.12.92	22.6.93	98.00	
				23.6.93	1/98	108.00	
				1.2.98	3/98	87.00	
				1.4.98	31.12.98	108.00	
				1.1.99	12/02	87.00	
				1/03	3/03	145.00	
				4/03	6/03	121.00	
				7/03	11/03	139.00	
				12/03	1/04	175.00	
				2/04	3/04	222.00	
				4/04-9/04	onwards	153.00	
				10/04		177.00	
				11/04	3/05	183.00	
				4/05' to 3/06'		158.00	
				04/06 to 03/07'		107.00	
				07-08'		117.10	
		Un-utilised energy of Apgpcl (St-II)					
				1.5.97	10/97	250.00	
				1.11.97	1/98	280.00	
				1.2.98	31.4.98	270.00	
				1.5.98	30.5.98	243.00	
				1.6.98	30.11.99	136.00	
				1.12.99	12/2k	214.00	
				1/01	onwards	86.00	
				4/03	6/03	59.00	
				7/03	11/03	97.00	
				12/03	1/04	112.00	
				2/04	3/04	73.00	
				4/04	10/04	97.00	Actutal share of TRANSCO Un-utilised portion of Apgpcl
				11/04	3/05	129.00	
				4/05' to 2/06'		107.00	
				3/06'		112	
				04/06 to 03/07'		114	
				07-08'		104.3	
	APGPCL(ST-I)	2/01	3/01	121	87 ps/kwh		
		2/01	3/01	Demand ch. At Rs.75/KVA			
		4/01	3/01	121			
		06-07'		Demand ch. At Rs.75/KVA			
		07-08'		Demand ch. At Rs.75/KVA			
		40034	200.6				
	APGPCL(ST-II)	2/01	3/01	170	86		
		4/01	12/01	170	86		
		1/02	3/02	156	86		

9.8 RATES OF POWER PURCHASE

Sl.No.	Source	Period		Rate Ps/Kwh	Remarks				
		From	To						
1	2	3	4	5					
9	NTECL Valluru Thermal Power	2016-17		447.00					
		2017-18		524.00					
10	NPC Kadankulam	2016-17		425.00					
11	NLC Tamilnadu Power Ltd Stage.1	2016-17		434.00					
		2017-18		570.00					
12	MPEB	1.4.91	30.6.92	101.30					
		1.7.92	28.2.94	115.00					
		1.3.94	onwards						
		a)6 Hrs to 22 Hrd		175.00					
		b) 22 Hrs to 6 Hrs		110.00					
		1.9.95	onwards						
		a)6 Hrs to 22 Hrd		225.00					
		b) 22 Hrs to 6 Hrs		225.00					
		1.10.96	onwards	270.00	(prov)				
13	MSEB	Bilateral exchange of power:							
		13.2.91	onwards	120.00					
		WESTERN REGION POWER							
		From 2/92	12/93	72.00					
		1.1.93	onwards	72.00					
		1.4.94	10.7.94	200.00					
		11.7.94	31.3.95	85.18					
		1.4.95	30.6.95	85.20					
		1.7.95	31.12.95	98.59					
		1.1.98	30.6.98	143.61					
		1.7.98	31.12.98	145.53					
		1.1.99	30.6.99	150.44					
		1.7.99	31.12.99	157.71					
		1.1.2k	6/2k	175.01					
		1/01	onwards	185.38					
		2/01	3/01	185.38					
		2001-02							
		4/2001	6/2001	185.38					
		7/2001	12/2001	182.63					
		1/2002	3/2002	189.69					
14	EREB	3.12.94	onwards	154.00					
15	NTPC(ER) PATNA	2/97	Avg.Rate billed	268.51	4/99	151.91	4/00	187.82	
		3/97	Avg.Rate billed	262.68	5/99	164.72	5/00	173.61	
		4/97	Avg.Rate billed	200.28	6/99	212.46	6/00	172.23	
		5/97	Avg.Rate billed	180.43	7/99	195.31	7/00	177.84	
		6/97	Avg.Rate billed	340.31	8/99	219.24	8/00	198.50	
		7/97	Avg.Rate billed	365.99	9/99	180.45	9/00	225.49	
		8/97	Avg.Rate billed	313.98	10/99	217.99	10/00	175.48	
		1/98	6/98	215.00	11/99	219.16	11/00	171.48	
		7/98	12/98	195.00	12/99	187.10	12/00	160.16	
		1/99		191.27	1/00	170.70	1/01	169.63	
		2/99		205.73	2/00	161.98	2/01	190.47	
		3/99		159.11	3/00	161.67	3/01	182.20	
					2/02	182.60	2/03	182.54	
					3/02	174.23	3/03	186.78	
				4/03	3/04				
				FSTPP	668.33 Cr				
				KHSTPP	477.88 cr.	Fix.Ch			
				TSTPP	644.99 Cr.				
				4/04	8/04				
				FSTPP	668.33 Crs	}	Fix.Ch		
				KHSTPP	477.88 Crs				
				TSTPP	644.99 Crs				
				9/04	10/04				
				FSTPP	581.26 Crs	}	Fix.Ch		
				KHSTPP	477.88 Crs				
				TSTPP	501.27 Crs				
				11/04	3/05	No supply			
				FSTPP	581.26 Crs	}	Fix.Ch		
				KHSTPP	477.88 Crs				
				TSTPP	501.27 Crs				
			ABT	4/03	3/04	194.97			
				4/04	3/05	No supply			

9.8 RATES OF POWER PURCHASE

Sl.No.	Source	Period		Rate Ps/Kwh	Remarks			
		From	To					
1	2	3	4	5				
16	PGCIL(ER) Transmission Charges for NTPC/ER power supply:							
				ps/kwh		ps/kwh		ps/kwh
		2/97	Avg.rate billed	18.22	4/99	9.23	4/01	13.91
		3/97	Avg.rate billed	11.78	5/99	10.92	5/01	13.02
		4/97	Avg.rate billed	10.57	6/99	12.46	6/01	14.08
		5/97	Avg.rate billed	9.55	7/99	11.28	7/01	13.37
		6/97	Avg.rate billed	10.65	8/99	11.74	8/01	13.11
		7/97	Avg.rate billed	12.13	9/99	10.97	9/01	13.33
		8/97	Avg.rate billed	12.32	10/99	13.26	10/01	13.19
		1/98	Avg.rate billed	9.21	11/99	13.53	11/01	13.88
		2/98	Avg.rate billed	10.06	12/99	15.63	12/01	12.76
		3/98	Avg.rate billed	8.82	1/00	14.22	1/02	12.51
		4/98	Avg.rate billed	9.52	2/00	13.81	2/02	15.28
		5/98	Avg.rate billed	12.68	3/00	13.37	3/02	14.51
		6/98	Avg.rate billed	12.74				
		7/98	Avg.rate billed	11.85	4/00	15.92	4/02	14.68
		8/98	Avg.rate billed	11.47	5/00	13.52	5/02	14.35
		9/98	Avg.rate billed	13.15	6/00	12.94	6/02	14.04
		10/98	Avg.rate billed	19.29	7/00	12.52	7/02	13.36
		11/98	Avg.rate billed	17.95	8/00	12.25	8/02	13.21
		12/98	Avg.rate billed	16.14	9/00	15.88	9/02	14.35
		1/99	Avg.rate billed	13.29	10/00	12.48	10/02	13.37
		2/99	Avg.rate billed	12.57	11/00	12.94	11/02	13.15
		3/99	Avg.rate billed	9.71	12/00	12.80	12/02	11.83
					1/01	14.19	1/03	11.28
					2/01	16.04	2/03	14.39
					3/01	14.21	3/03	16.96
				ABT	4/03	3/04		18.3
					4/04	4/05	As per P.Cost	10
17	GRIDCO Wh.Charges for NTPC/ER power supply	97-98	2001-02	17.5				
18	GRIDCO Energy charges:			ps/kwh				
		10/99	onwards	205				
		10/2k	onwards	228				
				ps/kwh				
		11/00	3/01	228				
		4/01	3/02	228				
				ps/kwh				
	GEB	3/99		225				
19	I. TNEB (WHEELING OF MAPS ENERGY)			ps/kwh				
		91-92		4.86				
		92-93		3.83				
		93-94		4.08				
		94-95		3.39				
		95-96		4.54				
		96-97		4.58				
		97-98		4.77				
		98-99		3.27				
		99-2K		2.81				
		2000-01		2.80				
		2001-02		6.15				
	II. Compensation drawal of energy at frequency below 49.5 Hz							
		4/92	7/92	112 ps minus				
		12/92	2/93	pooled cost				
				of CGS				
20	PSEB	4/00	6/00	230				
		4/01	9/01	280	(CSEB)			
21	PGCIL(SR)	4/03	3/04	44.56				
		3/04	4/05	42.00	s per p.cost Provl)			

9.8 RATES OF POWER PURCHASE

Sl.No	Source	Period		Rate Ps/Kwh	Remarks
		From	To		
1	2	3	4	5	
IPPs					
1	M/s.Lanco Kondaply	2000-01		433.00	
		2001-02		343.00	
		2002-03		231.00	
		2003-04		253.00	
		2004-05		256.00	
		2005-06		252.89	
		2006-07		331.30	
		2007-08		362.48	
		2008-09		548.50	
		2009-10		311.59	
		2010-11		332.02	
		2011-12		362.07	
		2012-13		442.52	
		2013-14		382.85	
		2014-15		870.45	
		2015-16		652.96	
		2016-17		454.00	
		2017-18		323.00	
2	Spectrum Power	2014-15		574.46	
		2015-16		533.75	
		2016-17		347.15	
		2017-18		332.14	
3	M/s.Srivathsa	2004-05		249.00	
		2005-06		280.43	
		2006-07		269.50	
		2007-08		256.55	(Provisional)
		2008-09		244.30	
		2009-10		239.57	
		2010-11		352.65	
		2011-12		348.60	
		2012-13		365.54	
		2013-14		331.04	
		2014-15		420.62	
		2015-16		377.98	
		2016-17		330.19	
		2017-18		327.00	
4	Thermal Powertech Corporation India	2015-16		592.00	
		2016-17		367.00	
		2017-18		361.00	
5	Vemagiri Power	2016-17		465.00	
6	GVK Extension	2016-17		465.00	
7	GMR Rajamundry Energy	2016-17		465.00	
8	Lanco Kondapalli Phase-II	2016-17		465.00	
9	Hinduja National Power Corporation Ltd	2016-17		372.00	
		2017-18		382.00	
10	P.T.C	2002-03		190.00	
		2003-04		206.00	
		2004-05		234.00	
		2005-06		343.33	
		2006-07		566.40	
		2007-08		533.50	
		2008-09		713.31	
		2009-10		608.31	
		2010-11		462.68	
		2011-12		352.19	
		2012-13		531.14	
		2013-14		589.54	
		2014-15		555.42	
		2015-16		479.37	
		2016-17		390.17	
11	N.V.V.N.L.	2004-05		255.00	
		2005-06		324.00	
		2006-07		399.90	
		2007-08		641.44	
		2008-09		690.88	
		2009-10		466.51	
		2010-11		345.04	
		2011-12		401.22	
		2012-13		463.52	
		2013-14		584.88	
		2014-15		501.93	
		2015-16		466.00	
		2016-17		406.00	
12	M/s.TPTCL (TATA Power Trading)	2007-08		622.32	
		2008-09		743.60	

9.8 RATES OF POWER PURCHASE

Sl.No	Source	Period		Rate Ps/Kwh	Remarks
		From	To		
1	2	3	4	5	
		2009-10		726.19	
		2010-11		531.14	
		2011-12		459.59	
		2012-13		501.98	
		2013-14		571.58	
		2014-15		430.37	
		2015-16		547.00	
		2016-17		545.00	
13	M/s.Adani Enterprises Ltd	2007-08		526.36	
		2008-09		792.52	
		2009-10		450.00	
		2010-11		0.00	
		2011-12		0.00	
		2012-13		460.89	
		2013-14		478.49	
		2014-15		379.05	
		2015-16		433.00	
		2016-17		445.00	
14	M/s.JSW PTC Ltd	2007-08		547.06	
		2008-09		776.00	
		2009-10		551.70	
		2010-11		512.75	
		2011-12		325.86	
		2012-13		552.27	
		2013-14		617.75	
		2014-15		599.01	
		2015-16		609.00	
		2016-17		607.00	
15	Sri Sarvaraya Sugars Ltd	2014-15		545.00	
		2015-16		545.00	
		2016-17		545.00	
16	Indian Energy Exchange	2014-15		608.00	
		2015-16		474.00	
		2016-17		400.00	
		2017-18		409.00	
17	GMR Energy trading Ltd	2014-15		516.00	
		2015-16		452.00	
		2016-17		445.00	
18	Rain CII Corbon Vizag Ltd	2015-16		545.00	
		2016-17		586.00	
19	Sree Rayalaseema Hi-Strength Hyp Ltd	2015-16		545.00	
		2016-17		545.00	
20	Shri Girija Alloy & Power Ltd	2014-15		548.00	
		2015-16		543.00	
		2016-17		545.00	
		2017-18		401.00	
21	BMM cements	2014-15		559.00	
		2015-16		545.00	
		2016-17		630.00	
22	NSL Sugars Ltd	2014-15		588.00	
		2015-16		616.00	
		2016-17		768.00	
23	Sarda Metal and Alloys Ltd	2014-15		547.00	
		2015-16		545.00	
		2016-17		520.00	
		2017-18		433.00	
24	Anrak Aluminium Ltd	2014-15		545.00	
		2015-16		544.00	
		2016-17		545.00	
25	Mittal Processors Ltd	2014-15		565.00	
		2015-16		568.00	
		2016-17		537.00	
26	Shree cements	2014-15		367.00	
		2015-16		406.00	
		2016-17		436.00	
27	ITC Ltd	2014-15		244.00	
		2015-16		265.00	
		2016-17		246.00	
28	Steel Exchange India Ltd	2014-15		545.00	
		2015-16		545.00	
		2016-17		559.00	
		2017-18		421.00	
29	Venkataraya Power Ltd(Trading)	2014-15		371.00	
		2015-16		545.00	
		2016-17		545.00	
30	Knowledge Infrastructure Systems Ltd	2014-15		491.00	

9.8 RATES OF POWER PURCHASE

Sl.No	Source	Period		Rate Ps/Kwh	Remarks
		From	To		
1	2	3	4	5	
		2015-16		486.00	
		2016-17		531.00	
31	Non-conventional	2005-06		321.00	(Provl)
		2006-07		293.00	Including 50% of Differential Tariff as per court order.
		2007-08		296.00	
		2008-09		313.00	
		2009-10		352.59	
		2010-11		344.93	
		2011 - 12		344.29	
		2012-13		762.27	
		2013-14		412.47	
		2014-15		438.73	
		2015-16		468.00	
		2016-17		473.00	
		2017-18		423.00	
32	KSK Mahanadi Power Co Ltd	2015-16		418.00	
		2016-17		407.00	
		2017-18		378.00	
33	Simhapuri Energy Ltd	2016-17		363.00	
34	NTPC (VVNL)	2016-17		458.00	
35	Ultratech Cement	2014-15		548.00	
		2015-16		544.00	
36	M/s.Reliance Energy	2004-05		238.00	
		2005-06		300.00	
		2006-07		283.86	
		2007-08		278.40	
		2008-09		336.10	
		2009-10		256.04	
		2010-11		294.78	
		2011-12		334.24	
		2012-13		311.80	
		2013-14		264.54	
		2014-15		284.28	
37	M/S LVS	2005-06		123.10	
		2006-07		109.70	Only Fixed Cost is Paid
		2007-08		109.70	Only Fixed Cost is Paid
		2008-09		759.00	
		2009-10		841.45	
		2010-11		1023.96	
		2011-12		0.00	
		2012-13		0.00	
38	M/s.VSPL	1997-98		197.50	
		1998-99		197.50	
		1999-2k		197.50	
		2000-01		197.50	
		2001-02		197.50	
		2002-03		197.50	(upto 12/02)
		6/03 2003-04		100.00	
		2004-05		176.00	
		2005-06		176.00	
		2006-07		200.53	
39	M/s.Navabharat Ferro Alloys	1998-99		212.50	
		1999-2k		212.50	
		2000-01		212.50	
		2001-02		2.08	
		2002-03		2.08	
		2003-04		176.00	
		2004-05		176.00	
		2005-06		176.00	
40	M/s.RCL	1998-99		204.00	
		1999-2k		254.00	
		2000-01		254.00	
		2001-02		253.00	
		2002-03		252.00	
		2003-04		246.00	
		2004-05		224.00	
		2005-06		224.00	
41	M/s.Active Power	2000-01		260.00	
		2001-02		316.00	
		2002-03		332.00	
		2003-04		348.00	
		2004-05			
		2005-06		176.68	
		2006-07		170.90	
		2007-08		156.48	
42	M/s.Deccan Sugars	1997-98		225.00	
		1998-99		236.00	

9.8 RATES OF POWER PURCHASE

Sl.No	Source	Period		Rate Ps/Kwh	Remarks
		From	To		
1	2	3	4	5	
		1999-2k		247.00	
		4/00-12/00		259.00	
		1/01-3/01		301.00	
		2001-02		301.00	
		2002-03		332.00	
		2003-04		348.00	
		2005-06		301.56	(Provl)
		2006-07		266.00	
		2007-08		263.00	
43	M/s.RETL	2007-08		538.24	
		2008-09		454.00	
		2009-10		594.76	
		2010-11		589.27	These are all average rates
		2011-12		436.23	
		2012-13		496.51	
		2013-14		543.97	
		2014-15		551.40	
		2015-16		545.00	
44	M/s.LEUL(NETSL)	2007-08		561.44	
		2008-09		818.02	
		2009-10		767.08	
		2010-11		504.77	
		2011-12		534.82	
		2012-13		538.18	
		2013-14		560.45	
		2014-15		535.14	
45	M/s.VISA Power ltd	2007-08		670.00	
		2008-09		0.00	
		2009-10		0.00	
46	M/s.Sitapuram Power Projects Ltd	2007-08		340.00	
		2008-09		375.00	
		2009-10		535.54	
		2010-11		425.00	
		2011-12		387.82	
		2012-13		0.00	
		2013-14		600.53	
		2014-15		579.25	
47	M/s.Kalyani power ltd	2007-08		714.00	
48	M/s.Patni Power Projects	2007-08		709.00	
49	M/s.Navabharat Ventures ltd	2007-08		325.00	
		2008-09		325.00	
		2009-10		0.00	
		2010-11		437.50	
		2011-12		452.29	
		2012-13		0.00	
50	Vijayanagar sugars Pvt Ltd	2014-15		629.00	
51	Core green Sugar & Fuels Pvt Ltd	2014-15		628.00	
52	Jaypee Balaji Cement	2014-15		545.00	
		2015-16		545.00	
53	Manikram Power Ltd	2014-15		580.00	
		2015-16		361.00	
54	RVK Energy Ltd	2014-15		552.00	
55	Madhucon Sugars	2014-15		549.00	
56	Ramco Cements Ltd	2014-15		540.00	
		2015-16		545.00	
57	Global energy Ltd (Trading)	2014-15		547.00	
58	Kusa Lava Power Ltd	2014-15		538.00	
59	NSL Krishna veni sugars	2014-15		554.00	
60	NTPC Aravali power,Delhi	2014-15		582.00	
		2015-16		569.00	
61	Laxmi Tulasi Agro Paper Pvt Ltd	2014-15		553.00	
62	Bharathi cements Ltd	2014-15		545.00	
		2015-16		545.00	
63	KCP Limited	2014-15		500.00	
		2015-16		535.00	
64	Sri Sai sindhu Industries	2014-15		554.00	
		2015-16		559.00	
65	Instinct Infra & Power Ltd	2014-15		382.00	
		2015-16		447.00	
66	My Home Industries Ltd	2014-15		563.00	
67	Jindal Power	2014-15		408.00	
68	HCL Agro Industries	2014-15		545.00	
69	Blue ocean Bio tech Ltd	2014-15		536.00	
		2015-16		534.00	
70	National Energy Trading Services Ltd	2015-16		537.00	
71	GMR Rajahmundry Eng Ltd(GREL)	2015-16		479.00	

9.8 RATES OF POWER PURCHASE

Sl.No	Source	Period		Rate Ps/Kwh	Remarks
		From	To		
1	2	3	4	5	
72	Greenko Energies Pvt Ltd	2015-16		545.00	
	M/s.GVK Industries	1996-97		252.00	
		1997-98		227.00	
		1998-99		220.00	
		1999-2k		206.60	
		2000-01		207.60	
		2001-02		223.00	
		2002-03		213.00	
		2003-04		224.00	
		2004-05		228.00	
		2005-06		235.24	
		2006-07		250.69	
		2007-08		249.72	
		2008-09		282.20	
		2009-10		204.81	
		2010-11		263.42	
		2011-12		284.33	
		2012-13		318.33	
		2013-14		328.61	
		2014-15		458.45	
		2015-16		524.18	
73		2016-17		511.00	
74	M/s.SPG Ltd	1997-98		267.90	
		1998-99		218.00	
		1999-2k		202.30	
		2000-01		206.60	
		2001-02		215.00	
		2002-03		241.00	
		2003-04		252.00	
		2004-05		220.00	
		2005-06		223.91	
		2006-07		252.30	
		2007-08		221.25	
		2008-09		312.40	
		2009-10		217.21	
		2010-11		244.32	
		2011-12		313.37	
		2012-13		318.59	
		2013-14		345.77	

9.9 REVENUE FROM SALE OF POWER

(Rs. in Crores)

Financial Year	L.T.CATEGORY								Total L.T	Total H.T.	Rebate to New Indust	Others(Inter state and UI)	TOTAL REVENUE
	I	II	III	IV	V	VI	VII	VIII					
1983-84	45.99	28.36	31.37	0.26	14.18	3.82	1.34	0.21	125.53	253.58	--		379.11
1984-85	48.19	30.31	36.08	0.29	14.42	4.13	1.56	0.20	135.18	359.74	--		494.92
1985-86	56.61	32.73	39.96	0.35	14.32	4.53	1.71	0.23	150.44	391.26	--		541.70
1986-87	66.02	36.39	41.50	0.40	16.31	5.01	1.70	0.35	167.68	412.86	--		580.54
1987-88	80.26	42.63	54.63	0.39	18.78	5.58	2.33	0.34	204.94	495.59	--		700.53
1988-89	94.97	47.77	63.90	0.44	19.08	6.18	2.94	0.34	235.62	571.59	--		807.21
1989-90	120.77	57.61	84.79	0.54	22.33	7.58	3.80	0.78	298.20	685.01	12.29		970.92
1990-91	151.38	68.97	104.86	0.95	18.05	8.52	4.40	0.41	357.54	864.30	11.64		1210.20
1991-92	190.51	85.55	131.88	1.22	22.84	9.66	5.30	0.68	447.64	1054.66	8.76		1493.54
1992-93	242.24	110.28	181.80	1.52	63.98	10.85	6.38	1.62	618.67	1218.86	9.75		1827.78
1993-94	284.51	128.16	220.68	1.75	57.78	11.38	8.56	1.20	714.02	1409.47	18.33		2105.16
1994-95	294.63	131.72	241.03	1.83	57.57	11.61	8.93	1.22	748.54	1412.30	15.51		2145.33
1995-96	352.12	163.12	253.10	2.05	32.02	13.85	10.22	1.27	827.75	1474.92	14.34		2288.33
1996-97	544.83	260.59	365.66	2.97	105.89	24.00	14.74	1.90	1320.58	1995.14	20.32		3295.40
1997-98	749.02	342.07	449.69	3.48	151.08	34.75	18.41	2.05	1750.55	2293.79	13.91		4030.43
1998-99	826.46	403.79	496.59	3.90	153.81	43.50	22.53	2.56	1953.14	2225.43	19.49		4159.08
1999-2K	908.82	505.87	568.26	3.70	154.98	47.84	29.49	3.77	2222.73	2292.32	20.37		4494.68
2000-01	1278.43	690.71	689.74	4.97	235.60	86.28	34.52	4.40	3024.65	2567.13	22.72		5569.06
2001-02	1393.61	821.08	724.17	5.47	208.22	102.80	33.17	4.45	3292.97	2577.16	26.28		5843.85
2002-03	1617.28	901.87	758.73	5.99	818.37	153.70	35.29	4.08	4295.31	3101.65	3.74		7393.22
2003-04	1664.75	987.68	787.27	7.02	416.94	195.70	39.25	5.18	4103.79	3553.40	3.02		7654.17
2004-05	1827.21	1061.94	851.64	7.58	402.29	202.17	42.84	6.24	4401.91	4169.27			8571.18
2005-06	1909.83	1157.39	862.43	7.93	13.52	202.99	45.72	6.18	4205.99	4669.27			8875.26
2006-07	2164.55	1328.09	991.01	8.38	25.90	222.96	50.04	6.27	4797.20	5182.54			9979.74
2007-08	2511.14	1576.17	1053.73	9.33	20.05	226.78	55.16	7.44	5459.80	6070.22		420.36	11950.38
2008-09	2755.64	1742.62	1054.51	8.97	21.38	303.47	58.19	5.20	5949.98	6756.97		835.30	13542.25
2009-10	3425.79	2020.05	1156.75	10.96	19.26	359.71	65.52	5.37	7063.41	7930.76		526.78	15520.95
2010-11	3666.01	2257.12	1267.68	9.95	11.56	323.91	68.43	4.07	7608.73	9338.88			16947.61
2011-12	4070.61	2487.39	1612.61	10.29	20.03	420.95	78.69	4.62	8705.19	10883.93			19589.12
2012-13	4725.00	2919.48	1836.79	13.52	58.32	541.89	89.29	4.55	10188.84	13158.88			23347.72
2013-14	5110.64	3698.10	1898.29	18.39	11.30	864.97	127.66	5.07	11734.42	16983.39			28717.81
2014-15	2826.04	1733.04	1321.37	13.26	3.91	371.98	76.03	1.24	6346.87	9021.68			15368.55
2015-16	3799.25	2281.47	1459.19	16.04	45.72	453.61	100.43	3.44	8159.15	10476.16			18635.31
2016-17	4056.00	2456.46	1512.26	16.86	50.23	490.07	106.42	4.35	8692.65	11094.21			19786.86
2017-18	4393.40	2584.05	1861.84	16.97	21.20	545.94	114.51	2.29	9540.20	12621.36			22161.56

	9.10 SALE OF ENERGY CATEGORY-WISE (1970-71 TO 2017-18)											M U	
Financial Year	L.T.CATEGORY									H.T.		Total HT	Grand Total
	I	II	III	IV	V	VI	VII	VIII	Total L.T.	Within State H.T.	Inter-state H.T		
1970-71	179	127	162	@	394	35	--	@	897	1289	0	1289	2186
1971-72	202	138	174	@	489	39	--	@	1042	1288	0	1288	2330
1972-73	194	125	165	@	505	30	--	--	1019	1154	0	1154	2173
1973-74	211	129	183	x	559	29	--	--	1111	1368	0	1368	2479
1974-75	238	131	198	x	640	29	--	1	1237	1338	0	1338	2575
1975-76	264	136	229	1	580	30	--	1	1241	1553	0	1553	2794
1976-77	309	163	263	1	726	33	@	2	1497	1936	0	1936	3433
1977-78	360	174	287	2	755	35	6	2	1621	2161	0	2161	3782
1978-79	422	193	333	3	785	39	10	2	1787	2549	0	2549	4336
1979-80	498	218	385	3	890	43	11	2	2050	2502	0	2502	4552
1980-81	546	216	423	3	915	49	13	2	2167	2937	0	2937	5104
1981-82	638	237	442	5	942	55	15	2	2336	3757	0	3757	6093
1982-83	730	257	504	5	1393	70	18	2	2979	4120	0	4120	7099
1983-84	879	282	550	7	1540	77	20	2	3357	4360	0	4360	7717
1984-85	1026	314	597	7	2354	81	24	2	4405	4826	0	4826	9231
1985-86	1195	340	643	10	2569	91	26	2	4876	5436	0	5436	10312
1986-87	1402	375	662	11	3347	100	26	2	5925	5836	0	5836	11761
1987-88	1532	395	700	10	3980	106	31	2	6756	4913	0	4913	11669
1988-89	1752	416	775	12	4462	120	34	2	7573	5477	0	5477	13050
1989-90	1929	446	871	12	5276	126	36	5	8701	5734	0	5734	14435
1990-91	2079	513	949	18	6285	134	38	2	10018	6075	0	6075	16093
1991-92	2438	553	944	19	6972	140	43	1	11110	6640	0	6640	17750
1992-93	2825	611	1010	20	7895	146	57	1	12565	6662	0	6662	19227
1993-94	3187	673	1072	23	9022	151	59	1	14188	6998	18	7016	21204
1994-95	3213	672	1128	21	10922	152	61	3	16172	6763	160	6923	23095
1995-96	3276	704	1172	22	11399	159	62	2	16796	6604	0	6604	23400
1996-97	3801	795	1270	23	7835	212	70	3	14009	6914	145	7058	21067
1997-98	4535	927	1357	25	9336	286	86	2	16554	7216	174	7390	23944
1998-99	5090	1060	1492	27	9554	367	100	5	17695	7027	117	7144	24839
1999-00	5486	1142	1576	27	10222	403	115	7	18978	6795	29	6824	25802
2000-01	5908	1235	1681	28	11055	457	93	7	20464	6743	0	6743	27207
2001-02	6729	1407	1775	28	12155	527	81	7	22709	6693	147	6840	29549
2002-03	6980	1537	1915	32	12469	766	86	6	23791	7840	0	7840	31631
2003-04	7200	1661	1962	36	12636	1010	94	8	24607	9478	361	9839	34446
2004-05	7789	1832	2120	41	13394	1151	104	9	26440	11178	439	11617	38057
2005-06	8462	2047	2226	43	13267	1176	115	9	27345	12307	1200	13507	40852
2006-07	9178	2298	2387	49	15538	1182	124	10	30766	14084	213	14297	45063
2007-08	10364	2687	2534	48	14359	1239	138	10	31379	17012	434	17445	48824
2008-09	11471	3026	2529	48	15882	1719	148	7	34829	18387	283	18670	53499
2009-10	13102	3385	2544	48	17729	1829	159	9	38805	20314	489	20802	59607
2010-11	14274	3720	2700	49	16716	1727	172	4	39362	23257		23257	62619
2011-12	15369	4126	3156	49	19360	1776	185	5	44026			25929	69955
2012-13	15742	4068	2946	48	18848	1749	187	4	43593			24012	67604
2013-14	16656	4270	2783	46	20801	1614	191	3	46365			26762	73126
2014-15	9650	2053	2079	56	10143	713	117	24	24836			15338	40174
2015-16	11355	2406	2280	38	10295	772	135	1	27282	15883		15883	43165
2016-17	12206.38	2573.34	2669.51	42.00	11668.91	856.72	146.42	1.96	30165.24	17011.81		17011.81	47177.05
2017-18	13173.55	2743.20	3412.57	42.63	10946.88	929.12	156.20	1.96	31406.11	18538.69		18538.69	49944.80
@ :	Negligible												
x :	Included in Agricultural												

**9.10(A) SALE OF ENERGY CATEGORY-WISE
ANNUAL GROWTH RATES(1988-89 TO 2015-16)**

Financial Year	(Provl)									MU	
	L.T.CATEGORY									Total HT	Total LT+ HT
	I	II	III	IV	V	VI	VII	VIII	Total		
1988-89	1752	416	775	12	4462	120	34	2	7573	5477	13050
Anl. %	10.10	7.21	12.39	0.00	18.24	5.00	5.88	150.00	14.90	4.69	10.61
19 89-90	1929	446	871	12	5276	126	36	5	8701	5734	14435
Anl. %	7.78	15.02	8.96	50.00	19.12	6.35	5.56	-60.00	15.14	5.95	11.49
19 90-91	2079	513	949	18	6285	134	38	2	10018	6075	16093
Anl. %	17.27	7.80	-0.53	5.56	10.93	4.48	13.16	-50.00	10.90	9.30	10.30
1991-92	2438	553	944	19	6972	140	43	1	11110	6640	17750
Anl. %	15.87	10.49	6.99	5.26	13.24	4.29	32.56	0.00	13.10	0.33	8.32
19 92-93	2825	611	1010	20	7895	146	57	1	12565	6662	19227
Anl. %	12.81	10.15	6.14	15.00	14.27	3.42	3.51	0.00	12.92	5.04	10.19
19 93-94	3187	673	1072	23	9022	151	59	1	14188	6998	21186
Anl. %	0.82	-0.15	5.22	-8.70	21.06	0.66	3.39	200.00	13.98	-3.36	8.26
1994-95	3213	672	1128	21	10922	152	61	3	16172	6763	22935
Anl. %	1.96	4.76	3.90	4.76	4.37	4.61	1.64	-33.33	3.86	-2.35	2.03
1995-96	3276	704	1172	22	11399	159	62	2	16796	6604	23400
Anl. %	16.03	12.93	8.36	4.55	-31.27	33.33	12.90	50.00	-16.59	4.69	-10.59
1996-97	3801	795	1270	23	7835	212	70	3	14009	6914	20923
Anl. %	19.31	16.60	6.93	8.70	19.16	34.91	22.86	-33.33	18.17	3.95	13.47
1997-98	4535	927	1358	25	9336	286	86	2	16555	7187	23742
Anl. %	12.24	14.35	9.87	8.32	2.34	28.32	16.72	150.00	6.89	-0.71	4.59
1998-99	5090	1060	1492	27	9554	367	100	5	17695	7136	24831
Anl. %	7.78	7.74	5.63	-0.30	6.99	9.81	14.56	40.00	7.25	-4.37	3.91
1999-2000	5486	1142	1576	27	10222	403	115	7	18978	6824	25802
Anl. %	7.68	8.16	6.69	3.59	8.15	13.46	-19.29	-4.14	7.83	-1.18	5.45
2000-01	5908	1235	1681	28	11055	457	93	7	20464	6743	27207
Anl. %	13.91	13.89	5.54	0.14	9.95	15.29	-13.17	3.73	10.97	-0.74	8.07
2001-02	6729	1407	1775	28	12155	527	81	7	22709	6693	29402
Anl. %	3.72	9.27	7.90	13.53	2.58	45.26	7.05	-10.63	4.76	17.13	7.58
2002-03	6980	1537	1915	32	12469	766	86	6	23791	7840	31631
Anl. %	3.15	8.05	2.47	13.21	1.34	31.89	8.95	28.62	3.43	20.90	7.76
2003-04	7200	1661	1962	36	12636	1010	94	8	24607	9478	34085
Anl. %	8.18	10.30	8.05	13.89	6.00	13.96	10.64	12.50	7.45	17.94	10.37
2004-05	7789	1832	2120	41	13394	1151	104	9	26440	11178	37618
Anl. %	8.64	11.74	5.00	4.88	-0.95	2.17	10.58	0.00	3.42	10.10	5.41
2005-06	8462	2047	2226	43	13267	1176	115	9	27345	12307	39652
Anl. %	8.46	12.26	7.23	13.95	17.12	0.51	7.83	11.11	12.51	14.44	13.11
2006-07	9178	2298	2387	49	15538	1182	124	10	30766	14084	44850
Anl. %	12.92	16.94	6.17	-2.55	-7.59	4.84	11.08	-0.20	1.99	20.79	7.89
2007-08	10364	2687	2534	48	14359	1239	138	10	31379	17012	48390
Anl. %	10.68	12.58	-0.20	-0.02	10.61	38.73	7.09	-28.06	11.00	8.08	9.97
2008-09	11471	3026	2529	48	15882	1719	148	7	34829	18387	53215
Anl. %	14.22	11.87	0.57	-0.42	11.63	6.40	7.98	25.91	11.42	10.48	11.09
2009-10	13102	3385	2544	48	17729	1829	159	9	38805	20314	59118
Anl%	8.95	9.92	6.13	2.27	-5.72	-5.59	7.99	-53.65	1.44	14.49	5.92
2010-11	14274	3720	2700	49	16716	1727	172	4	39362	23257	62619
Anl%	7.67	10.90	16.90	0.70	15.82	2.82	7.57	18.85	11.85	11.49	11.72
2011-12	15369	4126	3156	49	19360	1776	185	5	44026	25929	69955
Anl%	2.43	-1.41	-6.66	-1.82	-2.64	-1.51	1.12	-12.45	-0.98	-7.40	-3.36
2012-13	15742	4068	2946	48	18848	1749	187	4	43593	24012	67604
Anl%	5.81	4.98	-5.53	-3.64	10.36	-7.72	2.05	-38.99	6.36	11.45	8.17
2013-14	16656	4270	2783	46	20801	1614	191	3	46365	26762	73126
Anl%	-42.06	-51.92	-25.28	21.55	-51.24	-55.84	-38.81	806.39	-46.43	-42.69	-45.06
*2014-15	9650.44	2053.36	2079.13	56.30	10143.00	712.72	116.82	24.11	24835.88	15338.02	40173.90
Anl%	17.66	17.16	9.67	-31.75	1.50	8.29	15.40	-93.84	9.85	3.55	7.45
2015-16	11354.92	2405.72	2280.25	38.42	10294.80	771.78	134.81	1.49	27282.18	15882.85	43165.03

* Sales for residual AP

**9.10(A) SALE OF ENERGY CATEGORY-WISE
ANNUAL GROWTH RATES(2014-15 TO 2017-18)**

Financial I Year	(Provl)									MU	
	L.T.CATEGORY									Total HT	Total LT+ HT
	I	II	III	IV	V	VI	VII	VIII	Total		
*2014-15	9650.44	2053.36	2079.13	56.30	10143.00	712.72	116.82	24.11	24835.88	15338.02	40173.90
Anl%	17.66	17.16	9.67	-31.75	1.50	8.29	15.40	-93.84	9.85	3.55	7.45
2015-16	11354.92	2405.72	2280.25	38.42	10294.80	771.78	134.81	1.49	27282.18	15882.85	43165.03
Anl%	7.50	6.97	17.07	9.31	13.35	11.01	8.62	31.99	10.57	7.11	9.29
2016-17	12206.38	2573.34	2669.51	42.00	11668.91	856.72	146.42	1.96	30165.24	17011.81	47177.05
Anl%	7.92	6.60	27.84	1.49	-6.19	8.45	6.68	-0.15	4.11	8.98	5.87
2017-18	13173.55	2743.20	3412.57	42.63	10946.88	929.12	156.20	1.96	31406.11	18538.69	49944.80

9.11 PATTERN OF ELECTRICITY CONSUMPTION (%)
(1960 TO 2017)

Category	Domestic	Commercial	Agricultural (L.T+H.T)	Industry @	Railway Traction	Others	Total
1960-61	10.80	5.16	9.08	72.76	--	2.20	100
1961-62	11.41	4.77	9.47	72.00	--	2.35	100
1962-63	12.58	5.33	11.28	68.30	--	2.51	100
1963-64	8.04	8.81	13.12	68.78	--	1.25	100
1964-65	8.15	8.67	12.84	68.20	--	2.14	100
1965-66	8.15	8.22	16.05	65.60	--	1.98	100
1966-67	7.93	7.74	16.40	65.60	--	2.33	100
1967-68	7.95	7.22	17.69	65.42	--	1.72	100
1968-69	7.68	6.55	19.55	64.57	--	1.65	100
1969-70	7.37	5.95	16.76	68.24	--	1.68	100
1970-71	8.17	5.83	18.44	65.44	--	2.12	100
1980-81	10.70	4.23	18.44	63.07	0.98	2.59	100
1984-85	11.34	3.47	26.44	54.89	1.97	1.90	100
1985-86	11.59	3.30	25.28	54.78	2.03	3.03	100
1986-87	11.92	3.19	28.79	50.89	2.29	2.92	100
1987-88	13.13	3.38	34.43	43.25	2.01	3.80	100
1988-89	13.43	3.18	34.45	43.28	2.10	3.56	100
1989-90	13.36	3.09	36.83	41.08	2.22	3.42	100
1990-91	12.79	3.16	38.62	39.03	2.18	4.22	100
1991-92	14.05	3.18	40.37	38.95	2.17	1.28	100
1992-93	14.69	3.17	41.28	34.83	2.40	3.63	100
1993-94	15.04	3.18	42.80	32.41	2.59	3.98	100
1994-95	14.01	2.93	47.81	29.17	2.59	3.49	100
1995-96	14.00	3.01	48.85	27.55	2.70	3.89	100
1996-97	18.17	3.80	37.57	32.42	3.28	4.76	100
1997-98	19.10	3.90	39.46	26.41	3.58	7.55	100
1998-99	20.34	4.17	39.59	26.46	3.39	6.05	100
1999-2K	20.93	4.35	40.79	23.54	3.4	6.99	100
2000-01	21.71	4.54	40.78	22.84	3.39	6.74	100
2001-02	22.89	4.78	41.53	20.94	3.28	6.57	100
2002-03	22.06	4.85	39.42	21.39	3.38	8.43	100
2003-04	21.12	4.87	37.07	25.90	3.32	7.72	100
2004-05	20.71	4.87	36.17	27.97	3.12	7.16	100
2005-06	21.34	5.16	33.99	30.34	3.09	6.08	100
2006-07	20.46	5.12	35.31	31.02	2.85	5.22	100
2007-08	21.42	5.55	30.65	31.14	2.90	8.34	100
2008-09	21.56	5.69	30.84	33.60	2.67	5.65	100
2009-10	22.16	5.73	30.97	33.21	2.58	5.36	100
2010-11	22.80	5.94	27.66	33.43	2.51	7.66	100
2011-12	21.97	5.90	28.86	36.06	2.45	4.76	100
2012-13	23.29	6.02	28.89	34.37	2.62	4.82	100
2013-14	22.78	5.84	29.85	34.41	2.58	4.55	100
2014-15	24.02	5.11	26.83	36.99	3.49	3.56	100.00
2015-16	26.31	5.57	24.91	36.47	3.11	3.63	100.00
2016-17	25.87	5.45	27.45	34.70	2.75	3.78	100.00
2017-18	26.56	5.53	24.36	36.79	2.85	3.91	100.00

@ includes LT Industrial & Cottage Industries and
H.T industrial Cat-I, Cat-II& Power Intensive.

NOTE:- Only sales with in the state are considered

9.12 ARREARS OF REVENUE

(Rs.in crores)

Details As on	L.T. Con- sumers	H.T. Con- sumers	TOTAL	Decreed debts	Debts pending in Courts	Debts to be with- drawn	Amounts due from Govt. Depts	Amounts due from Local Bodies	Amounts due from Live Services	Amounts due from Disconnected Services	Others (Arrears of RESCOs,RR Act.)	TOTAL
1986-87	56.81	105.36	162.17	0.46	76.49	0.28	2.57	8.15	43.02	31.20		162.17
1987-88	72.84	150.87	223.71	0.52	109.18	0.36	6.47	11.38	67.6	28.2		223.71
1988-89	82.86	192.84	275.70	0.53	141.21	0.96	10.68	13.78	72.72	35.82		275.70
1989-90	106.75	260.28	367.03	0.58	203.95	1.07	11.37	14.70	89.20	46.16		367.03
1990-91	114.54	248.58	363.12	0.54	189.24	0.95	13.58	18.34	92.52	47.95		363.12
1991-92	128.52	277.44	405.96	0.6	189.32	1.4	19.37	22.21	125.91	47.15		405.96
1992-93	175.07	281.38	456.45	6.26	141.86	3.15	25.82	39.20	128.40	111.76		456.45
1993-94	220.28	335.46	555.74	1.08	191.86	2.83	55.33	41.69	176.48	86.47		555.74
1994-95	262.10	310.26	572.36	0.44	176.83	2.69	36.68	48.80	210.62	96.30		572.36
1995-96	262.33	328.57	590.90	0.47	178.71	5.55	69.69	39.19	197.51	99.78		590.90
1996-97	353.70	371.48	725.18	0.37	176.76	5.44	66.90	52.37	279.28	144.06		725.18
1997-98	495.93	355.61	851.54	0.47	106.93	1.63	133.82	35.64	344.72	228.33		851.54
1998-99	661.58	504.11	1165.69	0.54	118.11	4.52	238.46	78.80	465.61	259.65		1165.69
1999-2K	843.99	385.83	1229.82	0.86	111.96	3.87	140.48	123.70	549.94	299.01		1229.82
2000-01	1020.70	480.14	1500.84	0.27	141.62	4.86	176.28	169.52	639.87	368.42		1500.84
2001-02	1154.37	516.25	1670.62	0.48	122.68	3.14	199.75	170.97	771.14	402.46		1670.62
2002-03	1640.12	602.18	2142.30	0.54	115.01	7.48	303.51	131.40	1012.52	571.84		2142.30
2003-04	2022.59	626.96	2649.55	8.49	109.09	4.69	370.63	0.93	1435.18	720.54		2649.55
2004-05	2495.25	866.71	3361.96	2.64	180.60	3.83	495.67	40.78	1841.06	797.38		3361.96
2005-06	1181.76	823.44	2005.20	12.09	265.76	2.97	254.22	50.14	587.59	646.95	185.48	2005.20
2006-07	1211.93	864.88	2076.81	2.09	293.64	3.13	281.78	102.67	613.94	619.81	159.75	2076.81
2007-08	1191.79	865.34	2057.13	2.72	309.04	2.13	299.81	107.48	506.51	639.24	190.2	2057.13
2008-09	1067.91	858.09	1926.00	1.40	355.18	2.22	235.45	165.60	457.05	514.61	194.49	1926.00
2009-10	1270.82	975.13	2245.95	1.40	384.19	2.24	321.91	311.78	550.65	473.82	199.96	2245.95
2010-11	1546.84	1210.16	2757.00	16.11	444.09	2.77	486.63	522.19	714.04	478.61	92.56	2757.00
2011-12	1883.95	1414.42	3298.37	3.11	609.94	3.00	539.93	746.39	898.15	352.06	145.79	3298.37
2012-13	1944.13	1967.95	3912.08	3.74	713.02	3.01	571.96	757.2	1212.97	408.41	241.76	3912.07
2013-14	2564.18	2660.97	5225.15	3.06	1024.68	1.14	957.71	1498.76	778.13	650.18	311.49	5225.15
2014-15*	1274.09	1284.69	2558.78	0.26	632.57	4.98	362.47	1013.4	178.68	260.95	105.45	2558.76
2015-16	1433.11	1559.59	2992.70	0.98	717.61	4.71	242.78	1185.81	289.23	370.89	180.67	2992.68
2016-17	1927.6	2361.12	4288.72	4.27	667.84	4.16	1026.93	1516.06	552.6	349.64	167.27	4288.77
2017-18	2449.58	3398.26	5847.84	4.2	706.74	4.67	1860.75	2122.55	576.02	408.52	164.42	5847.87

*For Residual AP

RETAIL SUPPLY TARIFF SCHEDULE FOR FY 2017-18
(RETAIL SUPPLY TARIFF RATES AND TERMS AND CONDITIONS)

Retail Supply Tariff Schedule for FY 2017-18

Consumer Category	Energy Unit	Fixed Charge (Rs/Month /Unit)	Energy Charge (Rs/ Unit)
LT-I:DOMESTIC (Telescopic)			
Category-I Domestic			
Group A:Annual Consumption <=900 Units during FY2016-17			
0-50	kWh		1.45
51-100	kWh		2.60
101-200	kWh		3.60
Above 200	kWh		6.90
Group B:Annual Consumption > 900 Units and <= 2700 units during FY2016-17			
0-50	kWh		2.60
51-100	kWh		2.60
101-200	kWh		3.60
201-300	kWh		6.90
Above 300	kWh		7.75
Group C:Annual Consumption > 2700 Units during FY2016-17			
0-50	kWh		2.68
51-100	kWh		3.35
101-200	kWh		5.42
201-300	kWh		7.11
301-400	kWh		7.98
401-500	kWh		8.52
Above 500 units	kWh		9.06
LT-II NON DOMESTIC/COMMERCIAL			
LT-II(A) :Upto 50 Units/Month	kWh/kVAh	55/kW	5.40
LT-II(B) :Above 50 Units/Month			
0-50	kWh/kVAh	75/kW	6.90
51-100	kWh/kVAh		7.69
101-300	kWh/kVAh		9.06
301-500	kWh/kVAh		9.61
Above 500	kWh/kVAh		10.19
LT II(C):ADVERTISEMENT HOARDINGS	kWh/kVAh	75/kW	12.28
LT II(D) : Functional Halls/Auditoriums	kWh/kVAh	Nil	11.77
LT-III:INDUSTRY			
Industries (General)	kWh/kVAh	75/kW	6.71
Seasonal Industries (off season)	kWh/kVAh	75/kW	7.45
Aquaculture and Animal Husbandary	kWh/kVAh	30/kW	3.86
Sugarcane crushing	kWh/kVAh	30/kW	3.86
Mushroom & Rabbit Farms	kWh/kVAh	75/kW	5.91
Floriculture in Green House	kWh/kVAh	75/kW	5.91
Poultry Hatcheries & Poultry Feed mixing plants	kWh/kVAh	75/kW	4.89
LT-IV:COTTAGE INDUSTRIES & OTHERS			
Cottage Industries upto 10 HP	kWh	20/kW	3.75
Agro Based Activity upto 10 HP	kWh	20/kW	3.75
LT-V:AGRICULTURE			
LT-V(A):AGRICULTURE WITH DSM MEASURES			
Corporate Farmers & IT Assesses	kWh		2.50
Wet Land Farmers (Holdings >2.5 acre)	kWh	525/HP /Year*	0.50
Dry Land Farmers (Connections > 3 nos.)	kWh	525/HP /Year*	0.50
Wet Land Farmers (Holdings <= 2.5 acre)	kWh		0.00
Dry Land Farmers (Connections <= 3 nos.)	kWh		0.00

RETAIL SUPPLY TARIFF SCHEDULE FOR FY 2017-18
(RETAIL SUPPLY TARIFF RATES AND TERMS AND CONDITIONS)
RETAIL SUPPLY TARIFF SCHEDULE FOR FY 2017-18

Consumer Category	Energy Unit	Fixed Charge (Rs/Month /Unit)	Energy Charge (Rs/ Unit)
LT-V(B):AGRICULTURE WITHOUT DSM MEASURES			
Corporate Farmers & IT Assesses	kWh		3.50
Wet Land Farmers (Holdings >2.5 acre)	kWh	1050/HP/Year *	1.00
Dry Land Farmers (Connections > 3 nos.)	kWh	1050/HP/Year *	1.00
Wet Land Farmers (Holdings <= 2.5 acre)	kWh	525/HP/Year *	0.50
Dry Land Farmers (Connections <= 3 nos.)	kWh	525/HP/Year *	0.50
LT-V(C):OTHERS			
Salt farming units upto 15HP	kWh	20/HP	3.70
Rural Horticulture Nurseries upto 25HP	kWh	20/HP	3.70
LT-VI:STREET LIGHTING AND PWS			
LT-VI(A):STREET LIGHTING			
Panchayats	kWh	75/kW	5.98
Municipalities	kWh	75/kW	6.53
Municipal Corporations	kWh	75/kW	7.09
LT-VI(B):PWS SCHEMES			
Panchayats	kWh/kVAh	75/HP	4.87
Municipalities	kWh/kVAh	75/HP	5.98
Municipal Corporations	kWh/kVAh	75/HP	6.53
LT-VI(C):NTR SUJALA Padhakam	kWh/kVAh	10/HP	4.00
LT-VII:GENERAL			
LT-VII(A):GENERAL PURPOSE	kWh/kVAh	30/kW	7.28
LT-VII(B):RELIGIOUS PLACES			
(i) RELIGIOUS PLACES (CL> 2 Kw)	kWh	30/kW	5.04
(ii) RELIGIOUS PLACES (CL<= 2 Kw)	kWh	30/kW	4.84
LT-VIII: TEMPORARY SUPPLY	kWh/kVAh	30/kW	10.50
HT-I:INDUSTRY			
HT-I(A): INDUSTRY GENERAL			
11 kV	kVAh	475/kVA	6.33
33 kV	kVAh	475/kVA	5.87
132 kV & Above	kVAh	475/kVA	5.44
INDUSTRIAL COLONIES			
11 kV	kVAh		6.32
33 kV	kVAh		6.32
132 kV & Above	kVAh		6.32
TIME OF DAY TARIFFS(6 PM to 10 PM)			
11 kV	kVAh		7.38
33 kV	kVAh		6.92
132 kV & Above	kVAh		6.49
SEASONAL INDUSTRIES (OFF SEASON Tariff)			
11 kV	kVAh	475/kVA	7.66
33 kV	kVAh	475/kVA	6.98
132 kV & Above	kVAh	475/kVA	6.72

RETAIL SUPPLY TARIFF SCHEDULE FOR FY 2017-18
(RETAIL SUPPLY TARIFF RATES AND TERMS AND CONDITIONS)

Retail Supply Tariff Schedule for FY 2017-18

Consumer Category	Energy Unit	Fixed Charge (Rs/Month /Unit)	Energy Charge (Rs/ Unit)
HT-I(B):ENERGY INCENTIVE INDUSTRIES			
11 kV	kVAh		5.82
33 kV	kVAh		5.37
132 kV & Above	kVAh		4.95
HT - I (C): AQUA CULTURE AND ANIMAL HUSBANDARY	kVAh	30/kVA	3.86
HT - I (D): POULTRY HATCHERIES AND POULTRY FEED MIXING PLANTS	kVAh	475/kVA	4.89
HT - II Category			
HT-II(A):OTHERS			
11 kV	kVAh	475/kVA	7.66
33 kV	kVAh	475/kVA	6.98
132 kV & Above	kVAh	475/kVA	6.72
TIME OF DAY TARIFFS(6 PM to 10 PM)			
11 kV	kVAh		8.71
33 kV	kVAh		8.03
132 kV & Above	kVAh		7.77
HT II (B) Religious Places	kVAh	30/kVA	5.03
HT II © Function Halls /Auditoriums	kVAh	Nil	11.77
HT-III:PUBLIC INFRASTRUCTURE AND TOURISM			
11 kV	kVAh	475/kVA	7.3
33 kV	kVAh	475/kVA	6.69
132 kV & Above	kVAh	475/kVA	6.38
TIME OF DAY TARIFFS(6 PM to 10 PM)			
11 kV	kVAh		8.35
33 kV	kVAh		7.74
132 kV & Above	kVAh		7.43
HT-IV: Govt., LIFT IRRIGATION, AGRICULTURE AND CPWS			
Govt. and Private Lift Irrigation & Agriculture	kVAh	0	5.82
Composite Water Supply Schemes (CPWS)	kVAh	0	4.89
HT-V:RAILWAY TRACTION	kVAh	300/KVA	3.55
HT-VI:TOWNSHIPS AND RESIDENTIAL COLONIES	kVAh	75/kVA	6.32
HT-VIII:TEMPORARY SUPPLY		1.5 times of corresponding HT Category	
RURAL ELECTRIC CO-OPERATIVES			
Anakapally	kWh		0.86
Chipurupally	kWh		0.14
Kuppam	kWh		0.32

* Equivalent flat rate tariff per Year

** The above determined rates for LT Cat-V agriculture are contingent on payment of subsidy as agreed by the Govt., of A.P., failing which, the rates contained in the full cost recovery tariff schedule will become operative.

10. PERSONNEL

10.1 CADRE STRENGTH IN AP Power Sector

Sl.No.	Details	AP GENCO	AP TRANSCO	DISCOMs	AP GENCO	AP TRANSCO	DISCOMs	AP GENCO	AP TRANSCO	DISCOMs	AP GENCO	AP TRANSCO	DISCOMs	AP GENCO	AP TRANSCO	DISCOMs
		2011			2012			2013			2014			2015		
	OTHER THAN WORKMEN															
1.	Technical	4051	3332	6601	4053	3332	5873	4053	3362	6667	4437	3427	6374	2472	1697	3580
2.	Non-Technical	629	343	1847	627	353	1780	628	221	1885	691	233	1949	356	122	949
	WORKMEN															
1.	Technical	637	3	227	638		3	637		2	713		17	425	223	0
2.	Non-Technical	1889	1222	12926	1894	1222	14114	1900	1354	13159	1953	1354	15092	1068	769	7211
3.	O & M and Construction and others	8441	3402	35370	8396	3394	35247	8372	3394	35022	8901	3405	38379	4930	2106	19615
	TOTAL	15647	8302	56971	15608	8301	57017	15590	8331	56735	16695	8419	61811	9251	4917	31355

10.1 CADRE STRENGTH in AP Power Sector

Sl.No.	Details	AP GENCO	AP TRANSCO	DISCOMs	AP GENCO	AP TRANSCO	DISCOMs	AP GENCO	AP TRANSCO	DISCOMs
1	2	2016			2017			2018		
	OTHER THAN WORKMEN									
1.	Technical	2466	1691	1789	2472	1691	3601	2472	2290	3785
2.	Non-Technical	355	120	953	355	120	982	355	200	1009
	WORKMEN									
1.	Technical	369	223	1810	425	223	***	425		**
2.	Non-Technical	1126	766	7229	1070	766	2386	1070	691	2359
3.	O & M and Construction and others	4937	2106	19673	4931	2106	24592	4931	2106	24687
	TOTAL	9253	4906	31454	9253	4906	31561	9253	5287	31840

* 11 Posts in CTI /Hyderabad was allotted to TSTRANSCO

10.2 MAN POWER DETAILS

Sl.No.	Particulars	ANDHRA PRADESH																									
		GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D	GENCO	T & D		
		2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18	
A.	Total No.of Employees	13875	62645	13812	62942	14235	63752	13705	64711	15680	65027	15647	65273	15608	65318	15590	65066	16695	70230	9251	36272	9253	36360	9253	36467	9253	37127
B.	Number employed in construction Projects	267	---	682	---		---	906		1989		2029		548		627		1464		1355		1348		100		100	
C.	Total employed in Generation,Transmission& Distribution(A-B)	13608	62645	13130	62942	14235	63752	12799	64711	13691	65027	13618	65273	15060	65318	14963	65066	15231	70230	7896	36272	7905	36360	9153	36467	9153	37127
D.	Employment break-up of 'C'																										
	1.a)Number.Actually employed in Thermal Generation	9229	---	8717	---	8674	---	8557		9325		9236		10774		10735		8812		4266		5276		6400		6400	
	1.b)Plus proportion of other employees (H.Q.Posts)	504	---	456	---	464	---	478		505		497		543		541		479		152		307		296		296	
	1.c)Thermal Capacity in operation in MW	3234.5	---	3172.5	---	3655	---	3655	---	4155	---	4593	---	5093	---	5092.5		5093		2810		2810		2810		2810	
	1.d)Employees / MW (1a+1b)/1c	3.01	---	2.89	---	2.50	---	2.47	---	2.37	---	2.12	---	2.22	---	2.214		1.824		1.572		1.9868		2.383		2.383	
	2.a)No.actually employed in Hydel Generation	3593	---	3603	---	3629	---	3404	---	3370	---	3459	---	3320	---	3271		2053		1141		2141		2258		2258	

10.2 MAN POWER DETAILS

Particulars	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D	Genco	T & D
	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18	
2.b)Plus proportion of other employees(HQ)	282	---	354	---	359.5		360		376		375		421		422		405		134		181		201		201	
2.c)Hydel capacity in operation(MW)	3586.4	---	3586.4	---	3627.4		3627.4		3744		3790		3865		3865		3865		1749.6		1749.6		1749.6		1749.6	
2.d)Employees per MW ((2a+2b)/2c)	1.08	---	1.10	---	1.1		1.0		1.0		1.0		0.97		0.96		0.635		0.729		1.32716		1.40546		1.405464	
3.a)No.of posts sanctioned in Transmission&distribution	---	61283	---	61986		62860		63794		63883		64118		64617		65066		70230		36272		36360		36467		37127
3.b)Plus proportion of other employees(HQ)(TRANSCO)	---	1062	---	956		892		917		1144		1155		1151		1158		1157		675		675				
3.c)No.of consumers in thousands	---	17235	---	18290		19383		20588		21731		22856		23981		25159		26652		15619		16300		17182		17821
3.d)Employees(sanctioned) per 1000 consumers (3a+3b)/3c	---	3.62	---	3.44		3.29		3.14		2.94		2.86		2.74		2.63		2.68		2.37		2.27		2.12		2.08
4.a)Units sold including exports in MKWH	---	39652	---	44807		48390		53215		59118		62618		69955		67604		73126		45120*		49513*	52637.23*			57576
4.b)Total No. of employees (sanctioned)per MU sold	---	1.57	---	1.40		1.29		1.22		1.08		0.96		1.06		1.02		1.02		1.22		1.34		1.44		1.55

* Reconciled figures

10.3 DETAILS OF OTHER THAN WORKMEN AS ON 31-03-2018

S.No.	Cadre	AP GENCO			AP TRANSCO*		
		Head Qrs.	Field	Total	Head Qrs.	Field	Total
1	2	3	4	5	6	7	8
A	TECHNICAL						
1	Excutive Director				1		1
2	Chief Engineer/EI including CGM Adm(GENCO)/CE(EI,telecom,civil)	7	6	13	7	3	10
3	Superintending Engineer	15	32	47	11	24	35
4	DE / EE	39	173	212	47	92	139
5	ADE / AEE	78	722	800	119	457	576
6	AE / AAE	55	1248	1303	50	712	762
7	Sub-Engineer			0		12	12
	T O T A L	194	2181	2375	235	1300	1535
B	NON-TECHNICAL						
1	Excecutive Director/Finance/General			0	1	0	1
2	Chief Chemist	0	5	5	**	**	**
3	Senior Chemist	1	33	34	**	**	**
4	Chemist	1	56	57	**	**	**
5	FA & CCA	2	0	2	2	0	2
6	Deputy CCA	4	4	8	3	0	3
7	Senior Accounts Officer	8	6	14	8	4	12
8	Accounts Officer	15	19	34	11	10	21
9	Asst. Accounts Officer	9	27	36	7	10	17
10	Junior Accounts Officer	36	106	142	11	39	50
11	Chief Gen. Mnager (IR), (NC), (HR)	0	0	0	**	**	**
12	Joint Secretary	1	0	1	**	**	**
13	Company Secretary	1	0	1	1	0	1
14	Dy.Manager HR	0	3	3	**	**	**
15	Asst.Manager(HR)	1	6	7	**	**	**
16	General Manager (IR)	1	0	1	**	**	**
17	General Manager (HR)	0	2	2	**	**	**
18	DGM(HR)	0	4	4	**	**	**
19	Deputy Secretary	3	1	4	1	0	1
20	Assistant Secretary	7	3	10	4	1	5
21	Law Officer	1	0	1	**	**	**
22	Junior Law Officer	1	0	1	**	**	**
23	Personnel Officer	23	5	28	14	15	29
24	Public Relations Officer	0	0	0	**	**	**
25	Welfare Officer	0	5	5	**	**	**
26	Head Master	0	1	1	**	**	**
27	Chief of Security & Vigilance	1	0	1	**	**	**
28	DSP(Vigilance)	1	0	1	**	**	**
29	Security officer	0	3	3	**	**	**
30	Asst. Security Officer	1	7	8	**	**	**
31	Security Inspector	2	8	10	**	**	**
32	Deputy Civil Surgeon	0	2	2	**	**	**
33	Asst.Civil Surgeon	1	12	13	**	**	**
34	Addl.Secretary	**	**	**	1	0	1
35	Tahasildar & Dy Tahasildar	**	**	**		0	0
36	Divisional .Manager(Ex-Cadre)	**	**	**	1	0	1
37	Asst Divisional fire officer	0	3	3	**	**	**
38	Station fire officer	0	5	5	**	**	**
39	Senior Labour welfare officer	0	3	3	**	**	**
	TOTAL	121	329	450	65	79	144
	Grand Total	315	2510	2825	300	1379	1679

*Filled Posts

10.4 DETAILS OF OTHER THAN WORKMEN(SANCTIONED) (AS ON 31-03-2018 DISCOMS)				
Sl.no	Cadre	EPDCL	SPDCL	DISCOM Total
1	2	3	4	5
A. TECHNICAL				
1	Executive Director	1	1	2
2	Chief Engineer/(CGM)	8	9	17
3	Superintending Engineer/GM	22	33	55
4	DE / EE	81	143	224
5	ADE	209	374	583
6	AE / AAE	567	1036	1603
7	DGM /IT	1	**	1
8	Manager (CSC)	7	**	7
9	Sub-Engineer	470	823	1293
	TOTAL(A)	1366	2419	3785
B. NON-TECHNICAL				
1	CGM	2	2	4
2	GM	**	6	6
3	GM(Revenue/Accounts/IA/Costing	4	**	4
4	GM/HRD	2	**	2
5	SAO	9	13	22
6	AO	20	23	43
7	AAO	55	110	165
8	JAO	215	439	654
9	DGM	4	**	4
10	DGM/Legal Affairs (Out Source)	1	**	1
11	DGM/CC (Out source)	1	**	1
12	JS	**	1	1
13	DS/GM	**	3	3
14	AS/DGM	**	10	10
15	Personnel Officer	19	24	43
16	Company Secretary	1	1	2
17	Public Relations Officer	**	1	1
18	Chief Vigilance Officer	1	1	2
19	Inspector of Police	5	8	13
20	Sub-Inspector of Police	11	16	27
21	Law Officer	**	1	1
	TOTAL (B)	350	659	1009
	Grand Total	1716	3078	4794

11. ALL INDIA STATISTICS

11.1 All India Region wise Installed Capacity (MW) of Power Stations as on 31-03-2018										
Sl.No	Region	Sector	Thermal				Nuclear	Hydro	RES	Total
			Coal	Gas	Diesel	Total				
1	Northern	State	16,888.00	2,879.20	0.00	19,767.20	0.00	8,643.55	689.56	29,100.31
		Private	22,760.83	558.00	0.00	23,318.83	0.00	2,514.00	11,854.66	37,687.49
		Central	13,290.37	2,344.06	0.00	15,634.43	1,620.00	8,596.22	329.00	26,179.65
		SubTotal	52,939.20	5,781.26	0.00	58,720.46	1,620.00	19,753.77	12,873.22	92,967.45
2	Western	State	21,280.00	2,849.82	0.00	24,129.82	0.00	5,446.50	311.19	29,887.51
		Private	34,285.67	4,676.00	0.00	38,961.67	0.00	481.00	19,473.89	58,916.56
		Central	15,042.95	3,280.67	0.00	18,323.62	1,840.00	1,520.00	661.30	22,344.92
		SubTotal	70,608.62	10,806.49	0.00	81,415.11	1,840.00	7,447.50	20,446.38	111,148.99
3	Southern	State	19,432.50	791.98	287.88	20,512.36	0	11,808.03	518.02	32,838.41
		Private	12,124.50	5,322.10	473.70	17,920.30	0	0.00	33,359.36	51,279.66
		Central	14,225.02	359.58	0.00	14,584.60	3,320	0.00	491.90	18,396.50
		SubTotal	45,782.02	6,473.66	761.58	53,017.26	3,320	11,808.03	34,369	102,514.57
4	Eastern	State	7,070.00	100.00	0.00	7,170.00	0.00	3,537.92	225.11	10,933.03
		Private	6,375.00	0.00	0.00	6,375.00	0.00	399.00	803.29	7,577.29
		Central	13,876.64	0.00	0.00	13,876.64	0.00	1,005.20	10.00	14,891.84
		SubTotal	27,321.64	100.00	0.00	27,421.64	0.00	4,942.12	1,038.40	33,402.16
5	N.Eastern	State	0.00	457.95	36.00	493.95	0.00	422.00	254.22	1,170.17
		Private	0.00	24.50	0.00	24.50	0.00	0.00	23.31	47.81
		Central	520.02	1,253.60	0.00	1,773.62	0.00	920.00	5.00	2,698.62
		SubTotal	520.02	1,736.05	36.00	2,292.07	0.00	1,342.00	282.53	3,916.60
6	Island	State	0.00	0.00	40.05	40.05	0.00	0.00	5.25	45.30
		Private	0.00	0.00	0.00	0.00	0.00	0.00	2.21	2.21
		Central	0.00	0.00	0.00	0.00	0.00	0.00	5.10	5.10
		SubTotal	0.00	0.00	40.05	40.05	0.00	0.00	12.56	52.61
7	All India	State	64,670.50	7,078.95	363.93	72,113.38	0.00	29,858.00	2,003.35	103,974.73
		Private	75,546.00	10,580.60	473.70	86,600.30	0.00	3,394.00	65,516.72	155,511.02
		Central	56,955.00	7,237.91	0.00	64,192.91	6,780.00	12,041.42	1,502.30	84,516.63
		Total	197,171.50	24,897.46	837.63	222,906.59	6,780.00	45,293.42	69,022.37	344,002.38

Source: www.cea.nic.in

11.2 All India Transformation T&D Losses in %		
Sl.No	Year	T&D losses
1	2000-01	24.5
2	2001-02	33.98
3	2002-03	32.54
4	2003-04	32.53
5	2004-05	31.25
6	2005-06	30.42
7	2006-07	28.65
8	2007-08	27.2
9	2008-09	25.04
10	2009-10	25.39
11	2010-11	23.97
12	2011-12	23.65
13	2012-13	23.04
14	2013-14	22.84
15	2014-15	22.77
16	2015-16	21.81
17	2016-17	21.42
18	2017-18	21.04*

Provisional

11.3 THERMAL STATIONS - PLANT LOAD FACTOR

Sl.no	Year	PLF(%)
1	2001-02	69.9
2	2002-03	72.2
3	2003-04	72.7
4	2004-05	74.8
5	2005-06	73.6
6	2006-07	76.8
7	2007-08	78.6
8	2008-09	77.19
9	2009-10	77.48
10	2010-11	75.07
11	2011-12	73.32
12	2012-13	70.13
13	2013-14	65.56
14	2014-15	64.25
15	2015-16	62.24
16	2016-17	59.88

* Coal and Lignite based

Plan Wise Capacity Addition Targets and achievements during Various Plans			
Sl.No	Plan Period	Target	Achievement
1	I st plan (1951-56)	1300	1100
2	2nd plan(1956-61)	3500	2250
3	3rd plan (1961-66)	7040	4520
4	Annual plans(1966-69)	5430	4120
5	4th plan(1969-74)	9264	4579
6	5th plan(1974-79)	12499	10202
7	Annual plan (1979-80)	2813	1799
8	6th plan(1980-85)	19666	14266
9	7th plan(1985-90)	22245	21401
10	Annual plan (1990-91)		2776
11	Annual Plan (1991-92)	3811	3027
12	8th plan (1992-97)	30538	16423
13	9th plan (1997-2002)	40245	19119
14	10th plan (2002-2007)	41110	21180
15	I st year of 11th plan (2007-08)	16335	9263
16	2nd year of 11th plan (2008-09)	7530	3454
17	3rd year of 11th plan (2009-10)	14507	9585
18	4th year of 11th plan (2010-11)	21441	12161
19	5th year of 11th plan (2011-12)	17601	20502
20	1st Year of 12th Plan (2012-13)	17956	20623
21	2nd Year of 12th Plan (2013-14)	11663	17825
22	3rd Year of 12th Plan (2014-15)	17830	22566
23	4th Year of 12th Plan (2015-16)	16894.1	23976.6
24	5th Year of 12th Plan (2016-17)	9914	14324.5
25	2017-18	13171	9505

Figures in MW

Source: www.ces.nic.in

11.4 Growth of Transmission sector (As on 31-03-2018)		
Sl.No	Transmission lines	Total CKM
1	765 kV	35,059
2	400 kV	171,600
3	220kV	168,755
4	HVDC Lines	15,556
TOTAL		390,970

Sl.No	Sub-Station (MVA)	Total MVA
1	765 kV	190,500
2	400 kV	282,622
3	220kV	331,336
4	HVDC	22,500
TOTAL		826,958

Source: www.cea.nic.in

11.5 PROGRESS IN RURAL ELECTRIFICATION - ALL INDIA

S.No.	Year ending March	Villages Electrified (No)	Percentage Electrified (%)	Pump sets Energised (No.)
1	2	3	4	5
1	2001-02	5,08,863	86.65	131,28,155
2	2002-03	492,325	83.83	13,792,427
3	2003-04	495,031	84.3	14,115,373
4	2004-05	439,800	74.10	14,445,014
5	2005-06	496,365	83.60	14,834,650
6	2006-07	482,564	81.28	15,350,297
7	2007-08	488,435	82.30	15,674,673
8	2008-09	496,365	83.60	16,207,728
9	2009-10	497,950	83.90	16,193,521
10	2010-11	537,947	90.60	17,167,631
11	2011-12	556,633	93.80	18,178,136
12	2012-13	559849	94.30	18,707,829
13	2013-14	571168	95.60	19,124,383
14	2014-15	578957	96.90	2,01,20,972
15	2015-16	586065	98.10	2,04,34,180
16	2016-17	592080	98.75	2,06,45,608
17	2017-18	597464	100.00	21212860*

* Pump sets energised are upto end of 12th Plan.

Source: www.cea.nic.in

11.6 PEAK DEMAND AND DEFICIT

Year 2017-18 (Provisional)

State	Peak demand (MW)	Peak met (MW)	Surplus/Deficit (MW)	Surplus/Deficit (%)
Chandigarh	363	363	0	0.0
Delhi	6,553	6526	-27	-0.4
Haryana	9671	9539	-132	-1.4
Himachal Pradesh	1594	1594	0	0.0
Jammu & Kashmir	2899	2319	-580	-20.0
Punjab	11705	11705	0	0.0
Rajasthan	11722	11564	-158	-1.3
Uttar Pradesh	20274	18061	-2213	-10.9
Uttaranchal	2149	2149	0	0.0
Northern Region	60749	58448	-2301	-3.8
Chattisgarh	4169	3887	-282	-6.8
Gujarat	16590	16590	0	0.0
Madhya Pradesh	12338	12301	-37	-0.3
Maharashtra	22542	22494	-48	-0.2
Daman & Diu	362	362	0	0.0
Dadar Nagar Haveli	790	790	0	0.0
Goa	559	558	-1	-0.2
Western Region	50477	50085	-392	-0.8
Andhra Pradesh	8975	8975	0	0.0
Telangana	10292	10284	-8	-0.1
Karnataka	10824	10802	-22	-0.2
Kerala	3902	3870	-32	-0.8
Tamil Nadu	15001	14975	-26	-0.2
Pondicherry	390	387	-3	-0.8
Lakshadweep #	9	9	0	0.0
Southern Region	47298	47210	-88	-0.2
Bihar	4521	4515	-6	-0.1
Damodar Valley Corporation	2886	2886	0	0.0
Jharkhand	1332	1260	-72	-5.4
Orissa	4370	4370	0	0.0
West Bengal	8241	8241	0	0.0
Sikkim	96	96	0	0.0
Andaman-Nicobar #	58	54	-4	-6.9
Eastern Region	20318	20318	0	0.0
Arunachal Pradesh	145	145	0	0.0
Assam	1822	1745	-77	-4.2
Manipur	202	195	-7	-3.5
Meghalaya	369	368	-1	-0.3
Mizoram	105	96	-9	-8.6
Nagaland	155	146	-9	-5.8
Tripura	342	342	0	0.0
North -Eastern Region	2629	2520	-109	-4.1
All India	164066	160752	-3314	-2.0

#Lakshadweep and Andaman-Nicobar Islands are stand alone systems, power supply position of these, does not form part of regional requirement and availability.

11.7 POWER SUPPLY AND SHORTAGES

Year :2017-18 (Provisional)

State	Requirement (MU)	Availability (MU)	Surplus/Deficit (MU)	Surplus/Deficit (%)
Chandigarh	1610	1601	-9	-0.6
Delhi	31825	31806	-19	-0.1
Haryana	50775	50775	0	0.0
Himachal Pradesh	9388	9335	-53	-0.6
Jammu & Kashmir	18808	15050	-3758	-20.0
Punjab	54827	54827	0	0.0
Rajasthan	71189	70598	-591	-0.8
Uttar Pradesh	119981	118232	-1749	-1.5
Uttaranchal	13457	13426	-31	-0.2
Northern Region	371861	365650	-6211	-1.7
Chattisgarh	25586	25502	-84	-0.3
Gujarat	109984	109973	-11	0.0
Madhya Pradesh	69608	69608	0	0.0
Maharashtra	149757	149528	-229	-0.2
Goa	4113	4113	0	0.0
Daman & Diu	2534	2534	0	0.0
Dadar Nagar Haveli	6168	6168	0	0.0
Western Region	367751	367425	-326	-0.1
Andhra Pradesh	58315	58219	-96	-0.2
Telangana	60350	60267	-83	-0.1
Karnataka	67744	67575	-169	-0.2
Kerala	24964	24879	-85	-0.3
Tamil Nadu	105842	105676	-166	-0.2
Pondicherry	2669	2662	-7	-0.3
Lakshadweep #	47	47	0	0.0
Southern Region	319884	319277	-607	-0.2
Bihar	27033	26619	-414	-1.5
Damodar Valley Corporation	21534	21361	-173	-0.8
Jharkhand	7892	7754	-138	-1.7
Orissa	28710	28644	-66	-0.2
West Bengal	50590	50411	-179	-0.4
Sikkim	485	485	0	0.0
Andaman-Nicobar #	328	299	-29	-8.8
Eastern Region	136245	135273	-972	-0.7
Arunachal Pradesh	801	791	-10	-1.2
Assam	9196	8881	-315	-3.4
Manipur	875	829	-46	-5.3
Meghalaya	1604	1601	-3	-0.2
Mizoram	505	497	-8	-1.6
Nagaland	798	778	-20	-2.5
Tripura	2614	2565	-49	-1.9
North-Eastern Region	16394	15941	-453	-2.8
All India	1212134	1203564	-8567	-0.7

#Lakshadweep and Andaman-Nicobar Islands are stand alone systems, power supply position of these, does not form part of regional requirement and availability.

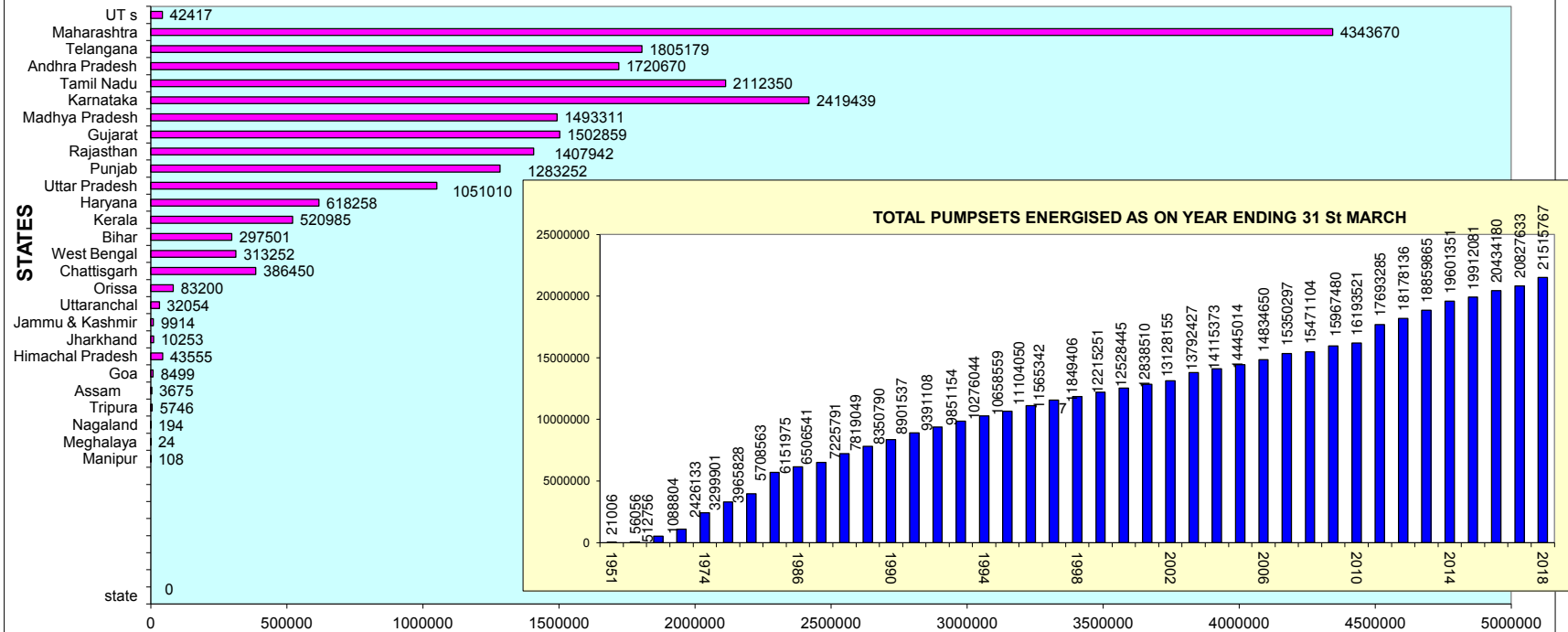
Source: www.cea.nic.in

11.8 Per-Capita Consumption in kwh											
Sl.No	Country	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	Canada	16766	16995	17053	15467	15145	16406	15558	15520	15544	15188
2	USA	13515	13616	13647	12884	13361	13227	12947	12987	12962	12833
3	Australia	11309	11216	11174	11038	10063	10514	10218	10067	10002	9892
4	Japan	8220	8475	8072	7833	8399	7847	7753	7836	7829	7865
5	France	7585	7573	7703	7494	7756	7318	7367	7382	6955	7043
6	Germany	7175	7185	7148	6781	7217	7083	7138	7022	7035	7015
7	Korea	8063	8502	8853	8980	9851	10162	10346	10428	10564	10558
8	UK	6192	6142	6067	5693	5741	5518	5452	5409	5131	5082
9	Russia	6122	6338	6443	6133	6460	6533	6602	6562	6603	6588
10	Italy	5762	5718	5656	5271	5384	5393	5277	5124	5002	5099
11	South Africa	4810	5013	4770	4532	4803	4694	4410	4328	4240	4148
12	Brazil	6060	2154	2232	2201	2384	2441	2509	2583	2578	2516
13	China	2040	2346	2471	2648	2942	3298	3475	3766	3927	4047
14	India	717	734	779	779	884	819	884	957	1010	1075
	World	2659	2752	2782	2730	2892	2933	2972	3026	3030	3052

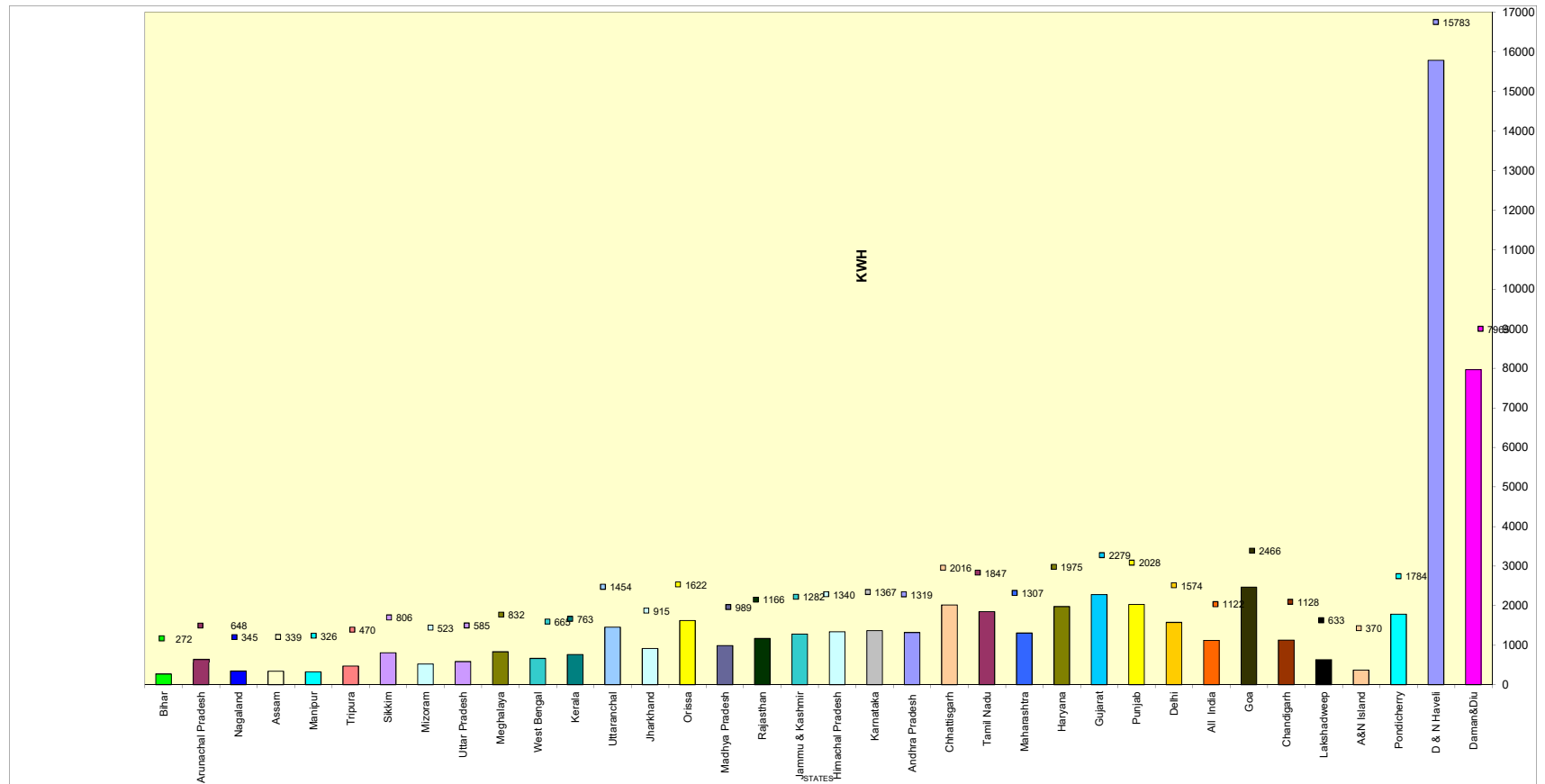
11.9 T&D Losses in (%)										
Sl.No	Country	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	Korea	3.77	3.81	3.97	4.01	3.57	3.47	3.47	3.62	3.59
2	Japan	4.80	5.16	5.23	5.04	4.98	4.79	4.87	4.56	4.3
3	Germany	5.30	5.42	4.8	4.53	4.7	4.46	4.51	4.5	4.74
4	Italy	6.35	6.20	6.56	6.87	6.46	6.61	6.87	6.46	6.42
5	Australia	7.86	7.36	7.37	7.27	5.94	5.68	6.69	5.4	6.33
6	South Africa	9.57	10.03	11.16	11.44	9.61	10.19	9.88	9.56	9.11
7	France	6.91	7.06	7.21	7.97	6.47	7.99	7.86	7.85	7.81
8	China	6.83	6.32	5.58	6.45	6.54	6.56	6.52	6.17	5.77
9	USA	6.53	6.06	6.68	6.86	6.41	6.73	6.32	6.31	6.33
10	Canada	9.62	8.87	9.1	13.97	6.27	8.19	10.4	10.63	11.72
11	UK	7.57	7.63	7.65	8.17	8.06	8.26	7.8	8.45	8.77
12	Russia	13.56	13.09	13.47	14.44	12.59	12.59	12.57	12.62	12.79
13	Brazil	15.27	15.83	16.44	19.58	16.08	16.63	16.11	15.69	15.92
14	India	25.47	25.39	23.97	23.65	23.97	23.65	23.04	22.84	22.77
	World	9.20	8.99	9.17	9.80	8.90	8.89	8.91	9.03	8.95

Source : CEA

PUMPSETS ENERGISED ALL INDIA, STATE WISE AS ON MARCH 2018



PER CAPITA CONSUMPTION -STATE WISE



APPENDIX

APPENDIX - I
SYSTEM DEMAND AND LOAD FACTORS OF A.P.GRID FOR THE YEAR
2017-18

Sl.No.	Month	Demand Met (MU)	Maximum Demand MW	Load Factor %
1	Apr-17	5068	7848	89.22
2	May-17	5182	7882	81.70
3	Jun-17	4499	8000	79.52
4	Jul-17	4755	7933	81.10
5	Aug-17	4646	7448	83.87
6	Sep-17	4604	7992	81.08
7	Oct-17	4755	7750	89.23
8	Nov-17	4890	8166	89.77
9	Dec-17	4962	8400	82.03
10	Jan-18	5108	8558	84.21
11	Feb-18	4840	8909	89.14
12	Mar-18	5509	8983	90.03
TOTAL / MAX		58818	8983	90.03

APPENDIX - II

GROWTH OF MAXIMUM DEMAND AND ENERGY CONSUMPTION SINCE THE FORMATION OF ANDHRA PRADESH GRID

Sl.No	Year	Maximum Demand (MW)	% Increase in Demand over the preceeding year	Energy consumption (sales) (KWH)	% Increase in Energy over preceeding year
1	2	3	4	5	6
1.	1966-67	290.2	--	1020849000	--
2.	1967-68	357	22.67	1334288482	30.7
3.	1968-69	440.8	23.82	1638411589	22.8
4.	1969-70	524.4	18.97	1921423258	17.3
5.	1970-71	562.1	7.19	2186209278	13.8
6.	1971-72	630.4	13.75	2329845282	6.6
7.	1972-73	608.2	-4.88	2272831235	-6.7
8.	1973-74	652	7.2	2479295728	14.1
9.	1974-75	706	8.28	2575138955	3.9
10.	1975-76	822	16.43	2794155331	8.5
11.	1976-77	871	5.96	3433298534	22.9
12.	1977-78	978	12.28	3782467759	10.1
13.	1978-79	1060	8.38	4335776979	14.6
14.	1979-80	1055	(-)0.50	4551922878	4.99
15.	1980-81	1281	21.42	5104691158	12.14
16.	1981-82	1570	22.56	6095304852	19.41
17.	1982-83	1733	10.38	7101700277	16.51
18.	1983-84	1743	0.57	7716681624	8.65
19.	1984-85	2158	23.81	9230461624	19.62
20.	1985-86	2404	11.38	10312277228	11.72
21.	1986-87	2665	10.86	11760919879	14.05
22.	1987-88	2752	3.26	11669161619	(-)0.78
23.	1988-89	3026	9.96	13050483244	11.84
24.	1989-90	3070	1.45	14589584658	11.79
25.	1990-91	3465	12.87	16093096300	10.31
26.	1991-92	3703	6.87	17750070152	10.3
27.	1992-93	3916	5.75	19226627211	8.32
28.	1993-94	4170	6.49	21205973062	10.29
29.	1994-95	4434	6.33	22934971453	8.15
30.	1995-96	4576	3.20	23399773651	2.03
31.	1996-97	5022	9.75	✧ 20984692565	-10.32
32.	1997-98	5742	14.34	✧ 24010636901	14.7
33.	1998-99	6480	12.85	✧ 25546796457	6.40
34.	1999-00	6684	3.15	25802628926	1.00
35.	2000-01	7143	6.87	26975770000	4.55
36.	2001-02	7029	-1.60	29402210000	8.99
37.	2002-03	6895	-1.91	31630770000	7.58
38.	2003-04	7441	7.92	34445090000	8.90
39.	2004-05	7613	2.31	40090230000	16.39
40.	2005-06	8239	8.22	40851410000	1.90
41.	2006-07	8641	4.88	44850000000	9.79
42.	2007-08	9162	6.03	48390420000	7.89
43.	2008-09	9997	9.11	53215360000	9.97
44.	2009-10	10880	8.83	59118390000	11.09
45.	2010-11	11829	8.72	62618770000	5.92
46.	2011-12	11972	1.21	69955051000	11.72
47.	2012-13	11630	-2.86	67604180000	-3.36
48.	2013-14	13162	13.17	73126200000	8.17
49.	2014-15 upto May 2014	12446	-5.44	15560240000	-78.72
50.	2014-15 Residual AP(From June 2016)	6784	-48.46	40627320000	-44.44
51.	2015-16	7391	8.95	43165026000	6.25
52.	2016-17	7965	7.77	47177060000	9.29
53.	2017-18	8983	12.78	49602707000	5.14

Note : ✧ reconciled figure

APPENDIX-III

**LENGTH OF 11 KV AND LT LINES AND THE SALE OF POWER PER
KILOMETER OF LENGTH SINCE THE FORMATION OF A.P GRID**

Sl.No.	At the end of the Year	Length of 11kV (KM)	Length of L.T (KM)	Total Length 11kV and L.T (KM)	Sales per KM of 11kV and LT Lines (KWH/KM)
1.	31-03-1967	20068	25513	45581	22396
2.	31-03-1968	21112	28215	49327	27050
3.	31-03-1969	25298	33863	59160	28189
4.	31-03-1970	29221	41376	70597	27217
5.	31-03-1971	33185	49484	82669	26414
6.	31-03-1972	36818	56089	92907	25077
7.	31-03-1973	40754	61990	102744	21150
8.	31-03-1974	42523	65917	108440	22863
9.	31-03-1975	43394	67609	111003	23199
10.	31-03-1976	45517	70596	116113	24064
11.	31-03-1977	49417	77916	127333	26963
12.	31-03-1978	53678	88888	142567	25112
13.	31-03-1979	57472	96898	154369	28087
14.	31-03-1980	62427	106681	169108	26759
15.	31-03-1981	67474	117430	184904	27607
16.	31-03-1982	70853	126658	197511	30861
17.	31-03-1983	74408	137196	211604	33561
18.	31-03-1984	78875	147087	225962	34150
19.	31-03-1985	84387	164319	248706	37114
20.	31-03-1986	91087	183467	274554	37560
21.	31-03-1987	96470	202588	299058	39327
22.	31-03-1988	102979	226746	329725	35390
23.	31-03-1989	110960	246610	357571	36498
24.	31-03-1990	117460	266020	383480	38045
25.	31-03-1991	123467	287197	410663	39188
26.	31-03-1992	131110	311177	442287	40132
27.	31-03-1993	137225	335984	473209	40630
28.	31-03-1994	142901	361474	504375	42321
29.	31-03-1995	148101	382270	530371	43420
30.	31-03-1996	150540	392787	543327	43148
31.	31-03-1997	153408	397627	551035	43785
32.	31-03-1998	156875	404622	561497	42783
33.	31-01-1999	160813	411673	572486	36743
33.	31-03-1999	162087	414542	576629	53199
34.	31-03-2000	166488	424277	590765	43677
35.	31-03-2001	169893	431711	601604	44840
36.	31-03-2002	172882	438160	611042	48118
37.	31-03-2003	178321	467313	645633	48992
38.	31-03-2004	186988	473928	660916	51571
39.	31-03-2005	202547	486191	688738	54618
40.	31-03-2006	215008	504820	719829	55085
41.	31.03.2007	224688	513166	737854	60784
42.	31.03.2008	234148	517685	751833	64284
43.	31.03.2009	259899	527852	787751	67553
44.	31.03.2010	260406	532656	793062	74470
45.	31.03.2011	270167	542716	812883	77033
46.	31.03.2012	280160	551960	832119	84098
47.	31-03-2013	290219	559840	850059	79529
48.	31-03-2014	300931	566392	867323	84313
49.	31-03-2015*	184499	288769	473268	85844
50.	31-03-2016	192081	296983	489064	88261
51.	31-03-2017	217701	320569	538270	87646
52.	31-03-2018	226013	327044	553057	89688

* Residual AP

APPENDIX -IV as on 31-3-2018

Capacity of each Unit in MVA	400 KV Sub-Stations		220 KV Sub-Stations		132 KV Sub-Stations		33 KV Sub-Stations		Total	
	Numbers	Aggregate Capacity (MVA)	Numbers	Aggregate Capacity (MVA)	Numbers	Aggregate Capacity (MVA)	Numbers	Aggregate Capacity (MVA)	Numbers	Aggregate Capacity (MVA)
1	2	3	4	5	6	7	8	9	10	11
500.00	4	2000							4	2000
315.00	25	7875							25	7875
160.00	1	160	25	4000					26	4160
100.00	3	300	116	11600					119	11900
80.00			4	320.0	2	160			6	480
60.00			1	60.0					1	60
50.00			50	2500.0	74	3700			124	6200
31.50			54	1701.0	197	6206			251	7907
30.00					2	60			2	60
25.00			21	525.0	8	200			29	725
20.00						0			0	0
16.00			12	192.0	139	2224			151	2416
15.00				0.0	8	120.0			8	120
12.50									0	0
10.00					1	10.0	22	220	23	230
8.00							677	5416	677	5416
7.50							7	53	7	53
5.00							2942	14710	2942	14710
3.15							389	1225	389	1225
3.00							21	63	21	63
1.60							0	0	0	0
1.50							3	5	3	5
0.50							1	1	1	1
	33	10335	283	20898.0	431	12680	4062	21692	4809	65604

APPENDIX -V Voltage wise as on 31-3-2018

Capacity of each Unit in MVA	400 /220KV		220 /132KV		220/33KV		220/11KV		132/33 KV		132/11 KV		33/11KV		Total	
	No's	Capacity MVA	No's	Capacity MVA	No's	Capacity MVA	No's	Capacity MVA	No's	Capacity MVA	No's	Capacity MVA	No's	Capacity MVA	No's	Capacity MVA
1	2	3	4	5					6	7			8	9	10	11
500.00	4	2000													4	2000
315.00	25	7875													25	7875
160.00			26	4160											26	4160
100.00			117	11700	2	200									119	11900
80.00									6	480					6	480
60.00							1.0	60			0	0			1	60
50.00					4	200	4	200	116	5800	0	0			124	6200
31.50					10	315	3	94.5	236	7434	2	63			251	7907
30.00									0	0	2	60			2	60
25.00					1	25	17	425	9	225	2	50			29	725
16.00									141	2256	10	160			151	2416
15.00									7	105	1	15			8	120
10.00											1	10	22	220	23	230
8.00													677	5416	677	5416
7.50													7	53	7	53
5.00													2942	14710	2942	14710
3.15													389	1225	389	1225
3.00													21	63	21	63
1.60													0	0.0	0	0
1.50													3	4.5	3	5
0.50													1	0.5	1	1
	29	9875	143	15860	17	740	25	780	515	16300	18	358	4062	21692	4809	65604

APPENDIX - VI DISTRIBUTION TRANSFORMERS AS ON 31-3-2018																													
Sl. No	Name of the Circle																			Quantity in Numbers (Capacity wise kVA) 1 -Phase							Total Nos.	Total Capacity in KVA	
		500	400	315	300	250	200	160	150	125	100	75	63	50	40	25	16	15	Total 3	Capacity	25	16	15	10	5	Total			Capacity
1	Srikakulam	0	0	3	0	6	0	110	0	0	1873	24	2309	42	649	1855	2811	0	9682	474023	0	435	6187	12	9	6643	99930	16325	573953
2	Vizianagaram	4	2	13	0	18	4	224	0	0	1974	14	2176	34	738	2372	2737	0	10310	517885	0	445	4858	65	7	5375	80675	15685	598560
3	Visakhapatnam	50	20	333	0	98	19	1933	82	0	6097	53	4160	59	2767	4291	4548	32	24542	1657683	0	0	6811	654	30	7495	108855	32037	1766538
4	East Godavari	0	0	69	0	97	17	808	3	0	6539	91	4937	286	4000	8184	9105	238	34374	1679021	0	640	11240	498	44	12422	184040	46796	1863061
5	West Godavari	22	5	81	0	84	10	825	7	0	6797	109	7473	256	10757	19676	18890	235	65227	2593984	0	770	10988	378	81	12217	181325	77444	2775309
	EPDCL Total	76	27	499	0	303	50	3900	92	0	23280	291	21055	677	18911	36378	38091	505	144135	6922596	0	2290	40084	1607	171	44152	654825	188287	7577421
6	Vijayawada	11	0	482	0	196	7	2142	0	0	9564	108	6139	240	460	20526	7255	1134	48264	2578347	0	2396	11572	211	543	14722	216741	62986	2795088
7	Guntur	11	0	236	1	165	15	1091	4	2	9018	89	5352	215	225	19935	8280	762	45401	2207486	0	1834	12584	115	311	14844	220809	60245	2428295
8	Ongole	15	10	85	0	63	11	542	1	3	5858	22	4725	21	78	34803	16475	568	63280	2174960	0	1833	10320	84	446	12683	187198	75963	2362158
9	Nellore	10	3	149	2	117	14	742	1	2	7676	19	6410	43	134	22158	19783	1606	58869	2279838	0	1464	11285	83	548	13380	196269	72249	2476107
10	Tirupati	7	0	223	1	78	7	697	0	0	5695	47	2441	37	161	53113	36522	13863	112892	3061685	0	1427	14397	349	575	16748	245152	129640	3306837
11	Kadapa	13	1	49	0	55	5	433	3	0	4280	7	1911	25	228	49959	44862	996	102827	2647810	0	1991	9485	2	436	11914	176331	114741	2824141
12	Anantapur	7	0	41	0	32	8	568	0	0	9365	100	5771	214	12	50072	9321	10	75521	2836734	964	1882	9041	7161	1	19049	261442	94570	3098176
13	Kurnool	4	1	53	0	26	13	748	0	0	6527	22	5124	118	109	31929	4022	0	48696	1997874	1064	1546	8881	5139	4	16634	235961	65330	2233835
	SPDCL Total	78	15	1318	4	732	80	6963	9	7	57983	414	37873	913	1407	282495	146520	18939	555750	19784734	2028	14373	87565	13144	2864	119974	1739903	675724	21524637
	Total for DISCOMs	154	42	1817	4	1035	130	10863	101	7	81263	705	58928	1590	20318	318873	184611	19444	699885	26707330	2028	16663	127649	14751	3035	164126	2394728	864011	29102058
1	Chipurupalli	0	0	0	0	0	1	18	0	0	289	0	255	4	0	0	197	0	764	51397	0	0	0	0	0	0	0	764	51397
2	Anakapalli	0	0	0	0	0	0	55	0	0	1809	0	193	0	73	50	0	0	2180	206029	0	0	45	0	0	45	675	2225	206704
3	Kuppam	0	0	0	0	9	9	26	0	0	1252	15	516	35	0	3674	1724	255	7515	292052	419	316	213	84	0	1032	19566	8547	311618
	RESCO total	0	0	0	0	9	10	99	0	0	3350	15	964	39	73	3724	1921	255	10459	549478	419	316	258	84	0	1077	20241	11536	569719
	STATE TOTAL	154	42	1817	4	1044	140	10962	101	7	84613	720	59892	1629	20391	322597	186532	19699	710344	27256808	2447	16979	127907	14835	3035	165203	2414969	875547	29671777

APPENDIX - VII

DISTRIBUTION TRANSFORMERS AND LT SALES PER KVA SINCE THE FORMATION OF A.P GRID

Sl.No.	As on	Distribution Transformers		LT Sales Per KVA
		Numbers	Aggregate Capacity (KVA)	
1.	31-03-1967	9908	723451	594
2.	31-03-1968	10150	790395	724
3.	31-03-1969	12363	878844	801
4.	31-03-1970	16001	1119665	661
5.	31-03-1971	18133	1244102	721
6.	31-03-1972	19969	1380806	755
7.	31-03-1973	21566	1504455	677
8.	31-03-1974	22599	1567741	709
9.	31-03-1975	23447	1633197	812
10.	31-03-1976	24462	1700665	730
11.	31-03-1977	26901	1870457	801
12.	31-03-1978	29003	1008590	807
13.	31-03-1979	31628	2197944	813
14.	31-03-1980	34701	2462459	832
15.	31-03-1981	36527	2679845	809
16.	31-03-1982	40158	2889603	809
17.	31-03-1983	42977	3135032	951
18.	31-03-1984	45599	3365645	997
19.	31-03-1985	48724	3632018	1213
20.	31-03-1986	53830	3974146	1227
21.	31-03-1987	59468	4540297	1305
22.	31-03-1988	66167	5115938	1320
23.	31-03-1989	73683	5702859	1328
24.	31-03-1990	80419	6206140	1402
25.	31-03-1991	88054	6740590	1486
26.	31-03-1992	101327	7627137	1457
27.	31-03-1993	112067	8361787	1503
28.	31-03-1994	119672	9061445	1566
29.	31-03-1995	131654	10119758	1598
30.	31-03-1996	141795	10766559	1560
31.	31-03-1997	148024	11575559	1210
32.	31-03-1998	160003	12407646	1334
33.	31-03-1999	171150	13304994	1380
34.	31-03-2000	186237	14350113	1323
35.	31-03-2001	201801	15408003	1330
36.	31-03-2002	213800	16411039	1384
37.	31-03-2003	242668	17763390	1322
38.	31-03-2004	323033	19976710	1232
39.	31-03-2005	405937	22425651	1179
40.	31-03-2006	474959	24483835	1117
41.	31-03-2007	519365	26024668	1182
42.	31-03-2008	580721	28155518	1114
43.	31-03-2009	672426	30574412	1139
43.	31-03-2010	737544	32570874	1191
44.	31-03-2011	811108	34379264	1145
45.	31-03-2012	894581	36981530	1190
46.	31-03-2013	972047	40042448	1089
47.	31-03-2014	1032863	42401657	1093
48.	31-03-2015*	620891	22256175	1116
49.	31-03-2016	635055	22976155	1187
50.	31-03-2017	814078	28226951	1069
51.	31.03.2018	875547	29671777	1047

* From 2015 the data is for Residual AP

APPENDIX - VIII

SERVICES AND CONNECTED LOAD AS ON 31-03-2018

S.No.	District	Unit	Domestic Supply	Non Domestic Supply	Industrial	Cottage Industries	Agricultural including RESCOs	Public Lighting	General Purpose	Temporary	Total (LT) (4 to 11)	Total H.T	Total H.T + L.T
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	EPDCL												
1	SRIKAKULAM												
a)	Services released during 2017-18	Nos.	16351	5859	127	0	789	219	209	2	23556	34	23590
b)	Services as on 31-03-18	Nos.	724810	63041	3437	312	31750	5035	5697	279	834361	347	834708
c)	Connected Load as on 31-03-18	KW	296280	83620	62730	230	70250	14360	6920	10	534400	168920	703320
2	VIZIANAGARAM												
a)	Services released during 2017-18	Nos.	10273	4123	40	0	1054	127	685	1	16303	33	16336
b)	Services as on 31-03-18	Nos.	545801	50475	2995	129	41974	3689	4736	64	649863	329	650192
c)	Connected Load as on 31-03-18	KW	309710	79970	45270	130	88930	9150	6630	10	539800	339030	878830
3	VISAKHAPATNAM												
a)	Services released during 2017-18	Nos.	37630	10366	110	14	989	1248	241	32	50630	29	50659
b)	Services as on 31-03-18	Nos.	1224923	144962	5643	395	41574	8820	6367	369	1433053	1149	1434202
c)	Connected Load as on 31-03-18	KW	1334850	327410	76270	520	94250	27400	11110	120	1871930	1163960	3035890
4	EAST GODAVARI												
a)	Services released during 2017-18	Nos.	40759	12039	993	20	448	273	547	14	55093	87	55180
b)	Services as on 31-03-18	Nos.	1393288	152850	13399	1126	50334	6292	15538	236	1633063	1068	1634131
c)	Connected Load as on 31-03-18	KW	1146010	260820	270380	2550	288310	34410	17400	100	2019980	515820	2535800
5	WEST GODAVARI												
a)	Services released during 2017-18	Nos.	34953	9674	3168	1	502	171	341	10	48820	30	48850
b)	Services as on 31-03-18	Nos.	1067019	125411	18042	350	96028	6684	12535	159	1326228	670	1326898
c)	Connected Load as on 31-03-18	KW	918330	208480	361860	410	793740	38290	13360	100	2334570	501560	2836130
	TOTAL EPDCL												
a)	Services released during 2017-18	Nos.	139966	42061	4438	35	3782	2038	2023	59	194402	213	194615
b)	Services as on 31-03-18	Nos.	4955841	536739	43516	2312	261660	30520	44873	1107	5876568	3563	5880131
c)	Connected Load as on 31-03-18	KW	4005180	960300	816510	3840	1335480	123610	55420	340	7300680	2689290	9989970

APPENDIX - VIII

SERVICES AND CONNECTED LOAD AS ON 31-03-2018

S.No.	District	Unit	Domestic Supply	Non Domestic Supply	Industrial	Cottage Industries	Agricultural including RESCOs	Public Lighting	General Purpose	Temporary	Total (LT) (4 to 11)	Total H.T	Total H.T + L.T
1	2	3	4	5	6	7	8	9	10	11	12	13	14
6	KRISHNA												
a)	Services released during 2017-18	Nos.	56256	9591	2706	2	7523	247	255	6	76586	80	76666
b)	Services as on 31-03-18	Nos.	1437261	147473	21864	1042	107353	8272	13946	32	1737243	1467	1738710
c)	Connected Load as on 31-03-18	KW	1478411	371418	831912	5451	477521	71263	176592	5789	3418356	1362549	4780905
7	GUNTUR												
a)	Services released during 2017-18	Nos.	60259	9367	787	9	7210	544	864	14	79054	139	79193
b)	Services as on 31-03-18	Nos.	1683858	159384	15912	358	111533	7470	11393	203	1990111	1255	1991366
c)	Connected Load as on 31-03-18	KW	1698807	346177	502613	4700	502694	72097	147761	30290	3305138	1188328	4493466
8	PRAKASAM												
a)	Services released during 2017-18	Nos.	27927	5041	659	35	10212	161	947	2	44984	83	45067
b)	Services as on 31-03-18	Nos.	1061675	80257	10538	615	171984	7305	9323	324	1342021	608	1342629
c)	Connected Load as on 31-03-18	KW	1094790	174952	414167	4959	776105	77035	106808	45368	2694184	566974	3261157
9	NELLORE												
a)	Services released during 2017-18	Nos.	27607	4813	1664	90	6076	258	939	16	41463	25	41488
b)	Services as on 31-03-18	Nos.	996207	85634	27426	828	178199	9529	8647	110	1306580	632	1307212
c)	Connected Load as on 31-03-18	KW	1045986	226089	1538366	6301	763523	91799	121624	14001	3807687	572009	4379696
10	CHITTOOR												
a)	Services released during 2017-18	Nos.	47233	5971	512	128	4504	501	1401	31	60281	71	60352
b)	Services as on 31-03-18	Nos.	1314303	115009	12686	7235	310620	21151	11791	767	1793562	948	1794510
c)	Connected Load as on 31-03-18	KW	1294920	283847	470969	46684	1290200	208478	150455	14539	3760092	877147	4637239
11	CUDDAPAH												
a)	Services released during 2017-18	Nos.	24583	3582	125	13	4698	182	1655	0	34838	17	34855
b)	Services as on 31-03-18	Nos.	768324	65733	5491	586	159428	5713	6659	3	1011937	384	1012321
c)	Connected Load as on 31-03-18	KW	832488	167532	234143	3883	717054	54478	97843	2423	2109845	344414	2454258

APPENDIX - VIII

SERVICES AND CONNECTED LOAD AS ON 31-03-2018

S.No.	District	Unit	Domestic Supply	Non Domestic Supply	Industrial	Cottage Industries	Agricultural including RESCOs	Public Lighting	General Purpose	Temporary	Total (LT) (4 to 11)	Total H.T	Total H.T + L.T
1	2	3	4	5	6	7	8	9	10	11	12	13	14
12	ANANTAPUR												
a)	Services released during 2017-18	Nos.	34481	7469	176	594	9326	177	978	14	53215	25	53240
b)	Services as on 31-03-18	Nos.	1067456	80912	8984	4243	255955	7583	7791	219	1433143	419	1433562
c)	Connected Load as on 31-03-18	KW	1141430	230151	442754	28560	1146188	70176	117022	30155	3206437	488423	3694860
13	KURNOOL												
a)	Services released during 2017-18	Nos.	34563	7416	330	21	10081	173	139	18	52741	19	52760
b)	Services as on 31-03-18	Nos.	1053916	78693	9104	593	163938	6947	6566	164	1319921	354	1320275
c)	Connected Load as on 31-03-18	KW	1096923	253523	370447	5095	744562	73103	96188	15885	2655726	434042	3089768.2
TOTAL SPDCL													
a)	Services released during 2017-18	Nos.	312909	53250	6959	892	59630	2243	7178	101	443162	459	443621
b)	Services as on 31-03-18	Nos.	9383000	813095	112005	15500	1459010	73970	76116	1822	11934518	6067	11940585
c)	Connected Load as on 31-03-18	KW	9683755	2053688	4805370	105633	6417847	718428	1014292	158450	24957464	5833886	30791350
TOTAL FOR A.P.STATE													
a)	Services released during 2017-18	Nos.	452875	95311	11397	927	63412	4281	9201	160	637564	672	638236
b)	Services as on 31-03-18	Nos.	14338841	1349834	155521	17812	1720670	104490	120989	2929	17811086	9630	17820716
c)	Connected Load as on 31-03-18	KW	13688935	3013988	5621880	109473	7753327	842038	1069712	158790	32258144	8523176	40781320

(*)Existing services as per releases and connected load as per billed services.

**APPENDIX IX- CATEGORY-WISE SERVICES AS ON 31.3.2018
(INCLUDING R.E.S.CO-OPERATIVES)**

S.No.	DISTRICT	L.T.CATEGORY									H.T.	TOTAL
		I	II	III	IV	V	VI	VII	Temp	Total LT		
1	SRIKAKULAM	724810	63041	3437	312	31750	5035	5697	279	834361	347	834708
2	VIZIANAGARAM	545801	50475	2995	129	35827	3689	4736	64	643716	329	644045
3	VISAKHAPATNAM	1224923	144962	5643	395	28174	8820	6367	369	1419653	1149	1420802
4	EAST GODAVARI	1393288	152850	13399	1126	50334	6292	15538	236	1633063	1068	1634131
5	WEST GODAVARI	1067019	125411	18042	350	96028	6684	12535	159	1326228	670	1326898
	TOTAL APEPDCL	4955841	536739	43516	2312	242113	30520	44873	1107	5857021	3563	5860584
6	KRISHNA	1437261	147473	21864	1042	107353	8272	13946	32	1737243	1467	1738710
7	GUNTUR	1683858	159384	15912	358	111533	7470	11393	203	1990111	1255	1991366
8	PRAKASAM	1061675	80257	10538	615	171984	7305	9323	324	1342021	608	1342629
9	NELLORE	996207	85634	27426	828	178199	9529	8647	110	1306580	632	1307212
10	CHITTOOR	1314303	115009	12686	7235	279085	21151	11791	767	1762027	948	1762975
11	KADAPA	768324	65733	5491	586	159428	5713	6659	3	1011937	384	1012321
12	ANANTAPUR	1067456	80912	8984	4243	255955	7583	7791	219	1433143	419	1433562
13	KURNOOL	1053916	78693	9104	593	163938	6947	6566	164	1319921	354	1320275
	TOTAL APSPDCL	9383000	813095	112005	15500	1427475	73970	76116	1822	11902983	6067	11909050
	RESCOs											
1	ANAKAPALLE	127314	7412	2761	65	13400	1154	1118	12	153236		153236
2	CHIPURUPALLI	48363	3434	362	109	6147	375	527	6	59323		59323
3	KUPPAM	73285	5478	455	5	31535	1675	1001	13	113447		113447
	TOTAL	248962	16324	3578	179	51082	3204	2646	31	326006		326006
	TOTAL FOR A.P.	14587803	1366158	159099	17991	1720670	107694	123635	2960	18086010	9630	18095640

APPENDIX -X
DISCOM - WISE ENERGY SALES
DURING 2017-18 (MU) LT & HT

Category		Units (in MU)		Total units (in MU)
		EPDCL	SPDCL	
I	LT			
	Domestic	5031.15	8142.39	13173.53
	Non-domestic	996.32	1746.88	2743.20
	Industrial	1407.25	2005.32	3412.57
	Cottage Industries	2.35	40.28	42.63
	Agriculture	1846.20	8758.60	10604.80
	Public lighting	230.80	698.32	929.12
	General Purpose	55.13	101.08	156.20
	Temporary	0.68	1.28	1.96
	Total LT (I)	9569.87	21494.14	31064.02
II	HT			
	Industrial	6607.13	6803.60	13410.73
	Industrial Non-segg.	611.27	771.71	1382.98
	Aviation	43.23	55.87	99.10
	Agriculture	425.36	1055.05	1480.41
	Railway traction	686.54	726.69	1413.22
	Electric Co-op societies	330.77	320.71	651.48
	Colony lighting	31.52	25.78	57.30
	Temporary	8.83	34.64	43.47
	Total HT (II)	8744.64	9794.05	18538.69
	Total LT + HT (I + II)	18314.51	31288.19	49602.70

APPENDIX XI
Percapita consumption All figures in Kwh (Units)
(In K.W.H.) (PROVISIONAL)

Sl. No	District	2016-17				2017-18			
		Domestic	Agricultural	Industrial (Including cottage and H.T)	All Categories	Domestic	Agricultural	Industrial (Including cottage and H.T)	All Categories
1	Srikakulam	165	46	134	437	180	37	138	458
2	Vizianagaram	161	47	372	681	177	39	633	965
3	Visakhapatnam	292	33	683	1309	320	27	806	1471
4	East Godavari	277	122	192	704	300	115	226	761
5	West Godavari	297	439	337	1195	325	450	424	1328
6	Krishna	354	150	310	926	380	152	354	1001
7	Guntur	302	127	384	890	323	131	409	944
8	Prakasam	211	250	311	828	225	249	330	863
9	Nellore	294	275	522	1165	314	273	590	1255
10	Chittoor	213	447	324	1177	227	392	355	1168
11	Cuddapah	218	485	265	1042	239	472	247	1036
12	Anantapur	167	553	260	1048	205	407	192	876
13	Kurnool	190	445	223	923	179	515	247	1012
ANDHRA PRADESH						1085(*)			1147(*)

(*) State Per capita

APPENDIX - XII		
SCHEMEWISE DETAILS OF CAPITAL EXPENDITURE - APTRANSCO FOR FY 2017-18		
Sl.No.	Particulars	Amount (Rs. In Crores)
1	Erection of 400/220KV SS at Podili,Prakasam Dt	0.83
2	Vijayawada Power Transmission Scheme	2.42
3	Erection of 400/220KV SS at Kalikiri,Chittor Dt	62.82
4	Rayalaseema Power Transmission Scheme	355.10
5	Short Gestation Power Transmission Scheme	0.65
6	Wind Power	158.25
7	M/s Hinduja National Power Co poration Ltd.	382.54
8	Rennovation & Modernisation Scheme	22.18
9	Schemes under Banks funding	65.09
10	Normal Plan	14.90
11	Schemes under PFC funding	84.47
12	Schemes under REC funding	41.74
13	Furniture & Fixtures	0.95
14	Office Equipment	4.05
15	Buildings	14.47
16	Plant and Machinery	201.69
TOTAL		1412.15

Appendix - XIII
CONSOLIDATED BALANCE SHEET (T + D)
CONSOLIDATED BALANCE SHEET FOR THE YEAR 2017-18

Schedule Note	APTtransco	EPDCL	SPDCL	As at 31st March 2018
NET ASSETS :				
Net Fixed Assets				
Gross Block	10649.47	4054.55	13896.28	28600.30
Less: Accumulated Depreciation	(3726.95)	(673.97)	(7079.46)	(11480.38)
Net Fixed Assets	6922.52	3380.58	6816.82	17119.92
Capital Expenditure in progress	1870.57	398.83	3346.31	5615.71
Assets not in use	630.49	3505.69	320.55	4456.73
Deferred Costs / Deferred Tax Asset	0.00	0.00	0.00	0.00
Intangible Assets	0.00	0.00	0.08	0.08
Investments	79.96	238.80	286.93	605.69
Total Current Assets	975.71	3623.74	16236.19	20835.64
Less:Total Current Liabilities				
Security deposits from consumers	0.00	1546.96	2803.24	4350.20
Other current Liabilities	1746.49	4274.28	17480.26	23501.03
Total Current Liabilities	1746.49	5821.24	20283.50	27851.23
Net Current Assets	(770.78)	(2197.50)	(4047.31)	(7015.59)
Subsidy Receivable from Government	0.00	0.00	0.00	0.00
Accumulated Deficit	0.00	0.00	0.00	0.00
NET ASSETS	8732.76	5326.40	6723.38	20782.54
FINANCED BY:				
Borrowings for working capital	0.00	544.28	1327.07	1871.35
Payments due on Capital Liabilities	0.00	0.00	0.00	0.00
Capital Liabilities				
Long term Provisions	251.91	470.33	749.56	1471.80
Other Long term Liabilities	4300.42	2542.94	9895.53	16738.89
Funds from State Government	270.66	19.28	9.48	299.42
GOAP equity	454.44	121.23	358.72	934.39
Contributions, Grants and Subsidies towards cost of Capital Assets	910.72	4841.61	7555.86	13308.19
Reserve and Reserve Funds	1248.22	75.74	319.30	1643.26
Deferred Tax Liability	143.60	0.00	0.00	143.60
Surplus	1152.79	(3289.01)	(13492.14)	(15628.36)
TOTAL FUNDS	8732.76	5326.40	6723.38	20782.54

Consolidated Profit and Loss Account for the year 2017-18

(Rs. in Crores)

Particulars	TRANSCO	EPDCL	SPDCL	Total (D)	Total (T+D)
<u>A. Revenue</u>					
Revenue from sale of power	0.00	9118.76	14830.96	23949.72	23949.72
Transmission & SLDC Charges-Discoms	0.00	0.00	0.00	0.00	0.00
Transmission & SLDC Charges (Annual fee, Open Access)	1432.71	0.00	0.00	0.00	1432.71
Inter State Sale of Power / UI Charges	0.00	50.33	520.13	570.46	570.46
Capital Contributions	30.66	182.02	322.95	504.97	535.63
Less:Electricity Duty	0.00	0.00	128.93	128.93	128.93
	1463.37	9351.11	15545.11	24896.22	26359.59
Revenue Subsidies and Grants	0.00	512.42	4166.66	4679.08	4679.08
Other Income	73.46	769.36	787.67	1557.03	1630.49
Total Revenue:	1536.83	10632.89	20499.44	31132.33	32669.16
<u>B. Operating expenses:</u>					
Purchase of power	0.00	8793.64	16641.64	25435.28	25435.28
Transmission & SLDC charges	0.00	0.00	0.00	0.00	0.00
Operation & Maintenance Expenses	152.50	125.99	318.50	444.49	596.99
Employee costs	425.08	878.90	1799.14	2678.04	3103.12
Administration & General Expenses	69.47	209.91	239.14	449.05	518.52
Depreciation	520.15	357.35	720.59	1077.94	1598.09
Incentive to HT consumers	0.00	0.00	0.00	0.00	0.00
Interest and Finance Charges	451.47	352.52	1096.04	1448.56	1900.03
sub-total	1618.67	10718.31	20815.05	31533.36	33152.03
Less: Expenses Capitalised					
R&M, Employee costs, Adm, etc.	69.79	90.51	161.87	252.38	322.17
Interest and Finance Charges	134.98	0.00	149.24	149.24	284.22
	204.77	90.51	311.11	401.62	606.39
Other debits (Misc.write offs etc.)	0.00	0.00	0.00	0.00	0.00
Expenditure on cyclone works (Net)	0.00	0.00	0.00	0.00	0.00
sub-total	0.00	0.00	0.00	0.00	0.00
Total Expenditure	1413.90	10627.80	20503.94	31131.74	32545.64
Contingency Reserve	0.00	0.00	2.52	2.52	2.52
Net prior period Charges/(Credits)	0.00	0.00	0.00	0.00	0.00
Profit / (Loss) Before Tax	123.23	5.09	(7.02)	(1.93)	121.30
Extraordinary Items		0.00	0.00	0.00	0.00
MAT Credit entitlement of earlier years	13.89	0.00	0.00	0.00	13.89
Provision for Income Tax & FBT	35.92	0.00	0.00	0.00	35.92
Provision for Deferred Tax	63.78	2.20	0.00	2.20	65.98
Profit / (Loss) After Tax	37.42	2.89	(7.02)	(4.13)	33.29
Net surplus (+)/loss(-)	37.42	2.89	(7.02)	(4.13)	33.29

Appendix -XV

NET REVENUE AND APPROPRIATION ACCOUNT (T & D(EPDCL,SPDCL))

(Rs. in Crores)

Particulars	This Year 2016-17 T &D (EPDCL,SPDCL)	This Year 2017-18 T &D (EPDCL,SPDCL)
Balance brought forward from last year	(13439.43)	(16036.52)
Surplus/(Deficit) from Revenue Account	(2237.50)	33.29
Reserves & Surplus (On Demerger)		
CREDITS :		
Transfer from General Reserve		
APPROPRIATIONS :		
Provision for Deferred Tax liability		
Contingency Reserve		
Adjustment against accumulated losses		
Contribution to Reserve and Reserve Funds		
Sinking Fund for Repayment of borrowings		
General Reserve		
Special safety Reserve		
Balance carried forward	(15676.93)	(16003.23)

A B B R E V I A T I O N S

Sl.No	Abbreviation	Expansion
1	APGPCL	AP Gas Power Corporation Ltd
2	APGENCO	AP Power Generation Corporation Ltd
3	APTRANSCO	Transmission Corporation of A.P.Ltd.
4	B E	Budget Estimate
5	B.H.E.L	Bharat Heavy Electricals Ltd
6	B.S.S	A.P.S.E.Board Sub-stations
7	C.E.A	Central Electricity Authority
8	C.K.M	Circuit Kilo Meters
9	C.L	Connected/Contracted Load
10	C.M.D	Contracted Maximum Demand (in KVA)
11	C.W.C	Central Water Commission
12	D.C	Double Circuit
13	Dist.	District
14	DISCOMS	Distribution Companies
15	DSM	Demand side management
16	DPE	Detection of Pilferage of Energy
17	E.H.T/E.H.V	Extra High Tension/Extra High Voltage (>33 KV)
18	E.R.E.B	Eastern Region Electricity Board
19	F.O	Furnace Oil
20	H.E.S	Hydro Electric Scheme
21	H.P	Horse Power
22	H.S.D/L.S.D	High Speed Diesel/Low Speed Diesel
23	H.T/H.V	High Tension/High Voltage (6.6KV to 33 KV)
24	H.V.D.C	High Voltage Direct Current
25	HVDS	High Voltage Distribution System
26	IPP	Independent Power Producer
27	I.D.C.	Interest During Construction
28	KWH/Unit	Kilo Watt Hour/Unit
29	K.V.A	Kilo Volt Amperes
30	L.F	Load Factor
31	LILO	Loop in Loop out
32	L.S.H.S	Low Sulphur Heavy Stock
33	L.T	Low Tension/Low Voltage (<=440V)
34	LVDS	Low Voltage Distribution System
35	LNG	Liquified Natural Gas
36	M.T	Million Tonnes
37	M.U.	Million Units/Million Kilowatt Hours
38	M.V.A.R	Million Volt Amperes (Reactive)
39	M.W	Mega Watts
40	N.A	Not Available/Not Accounted for
41	N.T.P.C	National Thermal Power Corporation
42	P.H	Power House
43	P.F.C.	Power Finance Corporation
44	P.L.F.	Plant Load Factor
45	R.B.D.D	Reserve for Bad and Doubtful Debts
46	R.E	Rural Electrification, Revised Estimate
47	R.E.C	Rural Electrification Corporation Ltd
48	R & M	Renovation and Modernisation
49	R.T.S.S	Railway Traction Sub-station
50	S.C	Single Circuit
51	S.P.V	Solar Photovoltaic
52	S.R.E.B	Southern Region Electricity Board
53	SCADA	Supervisory Control and Data Acquisition
54	T & D	Transmission and Distribution
55	T.M.C	Thousand Million Cubic Feet
56	T.P.S/T.P.P	Thermal Power Station/Thermal Power Project
57	W.R.E.B	Western Region Electricity Board