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ANNEXURE

ANX-I A	Daily Maximum & Minimum Demand in MW for Andhra Pradesh
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1. 31 जनवरी 2007 को स्थापित क्षमता मे वा में

SOUTHERN REGION INSTALLED CAPACITY IN MW AS ON 31ST JANUARY 2007

STATE	HYDRO	THERMAL				NUCLEAR	W M+R.E.S.	TOTAL
		COAL	GAS	DIESEL	TOTAL			
ANDHRA PRADESH	3586.36	2952.50	1875.70	36.80	4865.00	0.00	545.29	8996.65
KARNATAKA	3427.90	1730.00	220.00	234.42	2184.42	0.00	968.62	6580.94
KERALA	1807.60	0.00	174.00	256.44	430.44	0.00	48.85	2286.89
TAMIL NADU	2160.85	3220.00	934.10	411.66	4565.76	0.00	2721.83	9448.44
PONDICHERRY	0.00	0.00	32.50	0.00	32.50	0.00	0.60	33.10
CENTRAL SECTOR	0.00	8090.00	350.00	0.00	8440.00	880.00	0.00	9320.00
SOUTHERN REGION	10982.71	15992.50	3586.30	939.32	20518.12	880.00	4285.19	36666.02

2. जनवरी 2007 में जोड़ी गई क्षमता ADDITIONS TO CAPACITY IN MW IN JANUARY 2007

State	Type	Sector	Station	Capacity (MW)	Date of Synchronising
AP	Coal	State	Royal Seema Stage II unit-III	210	24.01.2007

1. 31 जनवरी 2007 को स्थापित क्षमता मे वा में

SOUTHERN REGION INSTALLED CAPACITY IN MW AS ON 31ST JANUARY 2007

STATE	HYDRO	THERMAL				NUCLEAR	W M+R.E.S.	TOTAL
		COAL	GAS	DIESEL	TOTAL			
ANDHRA PRADESH	3586.36	2922.50	1875.70	36.80	4835.00	0.00	545.29	8966.65
KARNATAKA	3427.90	1730.00	220.00	234.42	2184.42	0.00	916.92	6529.24
KERALA	1807.60	0.00	174.00	256.44	430.44	0.00	48.85	2286.89
TAMIL NADU	2175.85	3220.00	934.10	411.66	4565.76	0.00	2721.83	9463.44
PONDICHERRY	0.00	0.00	32.50	0.00	32.50	0.00	0.60	33.10
CENTRAL SECTOR	0.00	8090.00	350.00	0.00	8440.00	880.00	0.00	9320.00
SOUTHERN REGION	10997.71	15962.50	3586.30	939.32	20488.12	880.00	4233.49	36599.32

2. जनवरी 2007 में जोड़ी गई क्षमता ADDITIONS TO CAPACITY IN MW IN JANUARY 2007

State	Type	Sector	Station	Capacity (MW)	Date of Synchronising
AP	Coal	State	Royal Seema Stage II unit-III	210	24.01.2007

3. बिजली की आपूर्ति की स्थिति **POWER SUPPLY POSITION**

3.1 अपेक्षा एवं उपलब्धता **Requirement Vs Availability**

3.1.1 मांग (एक्स-बस) **Ex-Bus Demand**

(As given by SRLDC)

		A.P.	Karnataka	Kerala	T.N.	Puducherry	S. Region
a)	Ex-Bus Peak Demand (Maximum Unrestricted Requirement)	8610	6054	2714	8342	-	24821
b)	Ex -Bus Peak Met(Actuals)	7520	5492	2648	8163	245	22800
c)	Average of daily max shortage	-1037	-386	-72	-225		-1659
d)	Shortage in % (c/a)	-12%	-6%	-3%	-3%		-7%
e)	Maximum of daily max shortage	-1448	-1070	-132	-290		-2480

Note: Item Nos.a, b , c & e are not for same day/hour.

3.1.2 मांग **Demand**

Maximum & Minimum Demand and Peak Demand Met (in MW)

		A.P.	Karnataka	Kerala	T.N.xx	Puducherry	S. Region
a	Max Unrestricted Requirement (PSP: Gross) #	8886	6202	2730	8572	245	25455
b	Gross Peak Met(Actual) Date	7796 7520## 7-Jan-07	5640 17-Jan-07	2664 3-Jan-07	8393 25-Jan-07	245 18-Jan-07	23434 11-Jan-07
c	Unrestricted Requirement (LGBR)	8150##	6414	2664	8106	230	24457
d	Minimum Demand Date	5313 15-Jan-07	3556 22-Jan-07	1160 1-Jan-07	4521 17-Jan-07	- -	15968 16-Jan-07
e	Maximum Demand (January 2006)	8154 (24th) 7868##	5393 (27th)	2468 (23rd)	7443 (31st)	229 (23rd)	21915 (27th)

Note: Item Nos. a, b & c are not for same day/hour.

The hourly Southern Regional Grid Demand for the maximum and minimum demand days are shown in Annexures-II A, II B & II C.

Tamil Nadu Maximum Demand (Actuals) includes Wind Mills Generation & 55 MW of Cogeneration

Ex-bus figure xx (Excludes Neyveli mining loads)

Frequency Correction , Effect of Load Shedding and Power Cuts taken into account.

3.2.1. ऊर्जा (एक्स-बस)

Energy (Ex-Bus) (PSP Figures)

Figures in MU

	A.P.	Karnataka	Kerala	T.N.	Puducherry	S. Region
a) Unrestricted Energy requirement	5407.06	3899.54	1314.54	5086.98	145.98	15854.09
b) Actual Energy Supplied	4990.27	3782.54	1274.20	4958.08	145.98	15151.06
c) Surplus+/Deficit-	-416.79	-117.00	-40.34	-128.90	0.00	-703.03
d) Percentage	-7.71	-3.00	-3.07	-2.53	0.00	-4.43

3.2.2 विद्युत उपभोग

Gross Energy Consumption (in MU) (Constituent figures)

	Andhra Pradesh		Karnataka	Kerala	Tamil Nadu xx	Puducherry**	Southern Region
		##					
Unrestricted Requirement #	5494		3941	1302	5271	146	16153
Unrestricted Requirement(LGBR)	-	5100	3705	1297	4800	153	15141
Actual	5077	4990	3824	1261	5142	146	15450
Average/ Day	164	161	123	41	166	4.71	498
Actual - January 2006	5022	4884	3449	1162	4422	134.0	14189
Average/Day January 2006	162	158	111	37	143	4.32	458

AP consumption includes Srisaillam Pump Mode consumption of 25.824 MU

Ex-bus figure xx (Excludes Neyveli mining loads)

Frequency Correction , Effect of Load Shedding and Power Cuts taken into account.

** Pondicherry Energy Consumption Actual (Gross) is REA/ABT figure

3.3 लोड शेडिंग, मि यू में

Load shedding in MU

State	Andhra Pradesh	Karnataka	Kerala	Tamil Nadu
Load Shedding (MU)	267.84	31.07	0.24	0.00

3.4 केंद्रीय उत्पादन केंद्र

Central Generating Stations

Generation & Relief to the Grid

STATION	Gross Generation(MU)	Relief to the Grid(MU)	Local Loads+ Auxiliaries (Actuals) MU
ISGS			
Ramagundam STPS	1764.854	1663.567	101.287
Neyveli TS-II	897.745	764.896	132.849
Neyveli TS I Expn.	288.752	265.142	23.61 *
Talcher Stage II NTPC	-	1301.351	-
MAPS	223.980	190.550	33.309
Kaiga, GS	232.223	206.713	25.509

CGS

Neyveli TS-I (for TNEB)	389.534	318.475	71.059
Simhadri (for APTRANSCO)	739.940	701.737	38.203
RGCCPP (for KSEB)	195.175	191.514	3.661

* Includes 2.325 MU met from NLC TPS-I.

3.5 शेड्यूल(एलजीबीआर) वास्तविक उत्पादन एवं एक्स बस उपभोग

SCHEDULE (AS PER LGBR), ACTUALS AND EX-BUS CONSUMPTION OF ENERGY IN MU

STATE	SCHEDULE(As per LGBR)				
	AP	KAR	KER	TN & Puducherry	Southern Region
Hydro	524	1195	534	350	2603
Thermal(Coal + Gas + Diesel)	2041	970	23	2379	5413
Wind Mill (State +Private)	3.00	0.60	0.20	35.00	38.80
ISGS (Share+ Unallocated)	964	865	663	1422	3914
PURCHASES (IPPs+Captives)	1276	431	5	790	2502
Assistance from Eastern Region	0	0	0	104	104
Total	4808	3462	1225	5080	14574.8

	ACTUALS (Gross)				
	Hydro	471.14	1282.29	611.13	446.47
Thermal(Coal + Gas + Diesel)	2124.27	1131.44	38.23	2422.518	5716.46
Wind Mill (State +Private)	1.85	0.64	0.19	276.51	279.19
PURCHASES (IPPs+Captives)	1352.43	540.09	193.23	688.24	2773.99
Actual Drawals from CPSUs + Bilateral Power + Inter-Regional Power (Ex-bus including losses**)	1220.24	965.96	438.68	1521.16	4146.04
Internalised STOA		-39.28			
Total	5169.93	3881.14	1281.47	5354.91	15687.45

	NET EX-BUS CONSUMPTION				
	Ex-Bus Hydro	468.58	1269.47	605.02	442.01
Ex-Bus Thermal(Coal+Gas+Diesel)	1947.18	1045.65	37.09	2176.13	5206.05
Wind Mill (State +Private)	1.85	0.64	0.19	276.51	279.19
PURCHASES (IPPs+Captives)	1352.43	540.09	193.23	688.24	2773.99
Actual Drawals from CPSUs + Bilateral Power + Inter-Regional Power (Ex-bus including losses**)	1220.24	965.96	438.68	1521.16	4146.04
Internalised STOA		-39.28			
Ex-Bus Consumption	4990.27	3782.53	1274.21	5104.06	15151.07

** Losses are transmission losses in CTU/wheeling losses.

Note: Actual (Gross) and Ex-bus Consumption are computed values.

4. दक्षिण क्षेत्र में अधिसूचित कटौतियाँ एवं कृषि क्षेत्र के लिए विद्युत प्रतिबंध

NOTIFIED POWER CUTS AND RESTRICTIONS ON POWER SUPPLY TO AGRICULTURAL SECTOR IN SOUTHERN REGION

The details of notified power cuts and restrictions on power supply to the agricultural sector for the month of **January 2007** as reported by the constituents in respect of the Southern Region are given below :

I) अधिसूचित विद्युत कटौतियाँ NOTIFIED POWER CUTS

1	आंध्र प्रदेश ANDHRA PRADESH	NIL
2	कर्नाटक KARNATAKA	NIL
3	केरल KERALA	NIL
4	तमिल नाडु TAMIL NADU	NIL

II कृषि उपभेक्ताओं को जनवरी 2007 में विद्युत की दैनिक आपूर्ति

DAILY POWER SUPPLY TO AGRICULTURAL CONSUMERS IN JANUARY 2007

Per Day Values

राज्य State	Three Phase	Single Phase	No Supply
आंध्र प्रदेश Andhra Pradesh	7 hrs	No Single Phase Supply	
कर्नाटक Karnataka	9 hrs	8 hrs	7 hrs
केरल Kerala	24 hrs	0 hrs	0 hrs
तमिल नाडु Tamil Nadu	14 hrs	10 hrs	0 hrs

In Tamil Nadu "all welding sets in L.T. services irrespective of connected load should not work between 6 p.m. and 8-30 p.m. in the evening."

5.0 विद्युत विनिमय ENERGY EXCHANGES

5.1 Intra regional energy exchanges in MU using ISTS, Wheeled energy through SR (Schedule Energy), Actual energy exchanges in MU are given in Annexure- III

5.2 INTER REGIONAL ENERGY EXCHANGES USING ISTS

EXPORT IN MU

	January-07				Cum. from April 2006 to Jan-07			
	VIA WR		VIA ER		VIA WR		VIA ER	
	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery
From	To							
ANDHRA PRADESH	19.915	19.183			359.078	343.985	44.711	42.785
KARNATAKA	124.829	120.241			1128.122	1082.193	57.502	55.231
KERALA	160.119	154.231			1036.718	978.038	8.261	7.889
TAMIL NADU	46.553	44.836	46.463	44.738	362.549	347.883	143.388	137.595
NTPC					0.000	0.000	0.000	0.000
TOTAL SOUTHERN REGION	351.416	338.491	46.463	44.738	2886.467	2752.099	253.862	243.500

Note: The above figures include export by IPPs located in the respective state

IMPORT IN MU

	January-07				Cum. from April 2006 to Jan-07			
	VIA WR		VIA ER		VIA WR		VIA ER	
	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery
To	From							
ANDHRA PRADESH	0.000	0.000	79.364	76.444	0.000	0.000	122.702	118.142
KARNATAKA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
KERALA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TAMIL NADU	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NTPC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL SOUTHERN REGION	0.000	0.000	79.364	76.444	0.000	0.000	122.702	118.142

Details are furnished at Annexure-IV

6. द्विपक्षीय को भी मिलाकर कुल पात्रता/ शेड्यूल / वास्तविक प्राप्ति

TOTAL ENTITLEMENT/SCHEDULE/ACTUAL DRAWAL INCLUDING BILATERAL IN MU

	Entitlement from Grid	Schedule from Grid	Actual Drawal
Andhra Pradesh	1080.90	1141.74	1220.24
Karnataka	940.30	810.87	965.96
Kerala	721.79	460.17	438.68
Tamil Nadu	1486.67	1491.37	1375.19
Puducherry	168.69	168.69	145.98
Goa	63.29	63.29	57.11
PGCIL	4.06	4.06	1.46
Total	4465.70	4140.19	4204.61

Note:

Entitlement : includes entitlements from RSTPS-NTPC, Neyveli II Stage I & II, Neyveli TS I Expansion , Talcher Stage II, schedules of ER Power and actuals of MAPS and KGS.

This does not include bilateral exchanges.

Schedule : includes schedules from RSTPS-NTPC, Neyveli II Stage I & II, Neyveli TS I Expansion, Talcher Stage II, ER Power and actuals of MAPS and KGS.

This includes schedules of bilateral exchanges.

Actuals: 1. Goa actuals include 0.0 MU scheduled at Chandrapur West Bus.

2. Actuals are at Generator Ex bus periphery.

7. दक्षेविस द्वारा आयोजित बैठकें

MEETINGS HELD BY SRPC

Sl.No.	Meeting	Place	Date
1	7 th - Operation Coordination Committee	Bangalore	10-01-2007
2	Protection Committee Meeting	Bangalore	08-12-2006

8. केन्द्रवार उत्पादन

STATIONWISE GENERATION

Type	Sector	Power Station	Installed Capacity-MW	Effective Capacity- MW	Generation Jan-06 (MU)	January-07		
						Maximum Generation (MW)	Generation (MU)	Cumulative Generation from April-06 (MU)
Andhra Pradesh								
Hydro	State	Machkund	3x23 + 3x17 = 120x0.7 (70% share)	84.00	33.890	89	39.690	368.880
Hydro	State	T.B. Dam & Hampi	8 x 9 = 72 x 0.8(80% share)	57.60	20.441	38	17.871	141.510
Hydro	State	Upper Sileru	4 x 60	240.00	59.710	180	42.825	473.671
Hydro	State	Donkarayil	1 x 25	25.00	13.860	20	14.314	105.178
Hydro	State	Lower Sileru	4 x115	460.00	133.650	300	121.240	1099.100
Hydro	State	Srisaillam	4x110 + 3x110	770.00	134.365	327	24.685	1568.473
Hydro	State	Srisaillam LBPH	6x150	900.00	178.845	625	63.936	2241.742
Hydro	State	Nagarjunasagar	1x110 + 7x100 .8	815.60	83.103	405	91.192	1680.688
Hydro	State	Nagarjunasagar RCPH	3 x 30	90.00	32.133	47	28.314	266.556
Hydro	State	Nagarjunasagar LCPH	2 x 30	60.00	14.420	28	10.825	151.772
Hydro	State	Nizamsagar	2 x 5	10.00	3.690	4	3.601	20.780
Hydro	State	Pochampad	3 x 9	27.00	10.640	24	11.243	84.210
Hydro	State	Penna Ahobilam	2 x 10	20.00				11.387
Hydro	State	Singuru	2x7.5	15.00	0.484	14	0.914	7.676
Hydro	State	Mini Hydro		12.16	0.502	0.77	0.491	2.941
		Total Hydro		3586.36	719.733		471.141	8224.564
Coal	State	Kothagudem A	4 x 60	240.00	123.601	239	162.169	1348.803
Coal	State	Kothagudem B	2 x 120	240.00	166.101	233	153.579	1326.578
Coal	State	Kothagudem C	2 x 120	240.00	168.665	119	83.383	1226.939
Coal	State	Kothagudem D	2 x 250	500.00	291.898	512	355.458	2968.625
Coal	State	Ramagundam B	1 x 62.5	62.50	40.170	53	24.380	241.140
Coal	State	Nellore	1 x 30	30.00				
Coal	State	Vijayawada 1	2 x 210	420.00	299.820	414	293.620	2634.420
Coal	State	Vijayawada 2	2 x 210	420.00	305.290	425	316.390	2691.010
Coal	State	Vijayawada 3	2 x 210	420.00	310.230	436	314.100	2845.440
Coal	State	Rayalaseema	2 x 210	420.00	295.564	434	308.765	2703.172
		Total Coal		2992.50	2001.339		2011.844	17986.127
Gas	State	Vijjeswaram stage II		172.00	108.995	168	112.427	1059.016
Gas	State	Vijjeswaram stage I	2x33 + 1x34	100.00	37.814			208.090
		Total Gas		272.00	146.809		112.427	1267.106
		Total Thermal		3264.50	2148.148		2124.271	19253.233
Wind	State	Wind Mill (State)		2.00	0.001			0.787
		Total State		6852.860	2867.882		2595.412	27478.584

Private	Mini Hydel		101.40	26.533		28.530	219.653
Private	Waste Heat Recovery Cogeneration(RCL)		41.00	25.566		30.688	313.789
Private	Bagasse Based Co-Generation		151.50				
Private	Biomass Based Power Projects		178.50				
Private	Biomass Based Co-Generation		20.43	149.054		163.878	1342.652
Private	Mini Power Plants (Thermal)		74.31				
Private	Municipal waste based power projects		12.60				
Private	Industrial waste based power projects		8.50				
Private	Isolated Gas Wells		27.04				
Private	Jegurupadu	2x45.8+1x48.9+1x75.5	216.82	94.276		81.795	922.670
Private	Jegurupadu -II	140	140.00	28.456			
Private	Spectrum	1x46.8+2x46.1+1x68.88	208.31	109.092		83.004	838.424
Private	Kondapalli (LANCO)	2x115+1x125	351.49	178.476		178.559	1348.551
Private	BAPL(BSES)	1x140+1x80	220.00	76.951		73.339	759.908
Private	GMR Vemagiri	1x137	137.00				120.358
Private	Wind Mill		99.49	1.671		1.854	85.127
Private	Vizag Steel Plant			1.974		4.098	74.898
Private	Nav Bharat Ferro					6.799	6.799
	Total Purchase		1988.39	692.049		652.544	6032.829
Central	Simhadri(NTPC)(Relief)	2x500	1000.00	674.320		701.737	6261.846
	Total		9841.25	4234.251		3949.693	39773.259
State	Srisailam (Pump Mode)					25.824	402.294

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State	Sharavathi	10 x 103.5	1035.00	528.090	#	509.390	4538.650
State	Linganamakki Dam PH	2 x 27.5	55.00	35.212	#	33.270	264.982
State	Jog (MGHES)	4x18 + 4x12	120.00	20.959	#	24.970	209.939
State	Nagjhari	3x150+3x135	855.00	290.170	#	339.630	3149.500
State	Supa	2 x 50	100.00	74.215	#	68.930	505.188
State	Varahi	2 x 115	230.00	96.350	#	89.050	972.440
State	Bhadra	1x7+ 2x12 + 1x2+6	39.00	7.485	#	12.470	70.055
State	Sivasamudram	6x3 + 4x6	42.00	28.783	#	22.530	281.911
State	Shimsha	2 x 8.6	17.20	7.800	#	3.880	73.090
State	Munirabad	3 x 9	27.00	10.952	#	8.630	78.900

State	T.B.Dam & Hampi	8 x 9 (20% share)	14.40	4.962	#	4.040	37.436
State	Ghataprabha	2 x 16	32.00	16.474	#	14.340	103.874
State	Mani Dam	2 x 4.5	9.00	3.686	#	3.960	26.222
State	Mini Hydro	1.40 + 0.35	1.75		#		
State	Mallapur	2 x 4.5	9.00		#		
State	Kadra	3x50	150.00	25.030	#	28.910	448.764
State	Kodasalli	3x40	120.00	29.756	#	34.520	411.816
State	Gerusoppa(Sharavathi tail Race)	4x60	240.00	54.943	#	51.480	526.494
State	Almatti	1X15+5X55	290.00	29.043		32.290	595.015
	Total Hydro		3386.35	1263.910		1282.290	12294.276
State	Raichur TPS	7 x 210	1470.00	999.644	#	1099.688	9445.846
State	Yelahanka Diesel (Relief)	6 x 21.3	127.80		#	31.750	78.382
	Total Thermal		1597.80	999.644		1131.438	9524.228
State	Kappatagudda		3.40	0.899		0.639	13.673
State	Wind Mill(Others)		1.16				
	Total State		4988.71	2264.453		2414.367	21832.177
Private	Bellari (Rayalaseema)		27.80	0.104	#	10.680	25.366
Private	TATAS	5x16.26	81.30	10.410		41.620	100.470
Private	Tanir Bhavi		220.00	4.740		98.350	243.840
Private	ITPL Diesel	9	9.00				228.240
Private	Co Generation	207.55	207.55				
Private	Bio Mass	45.3	45.30	240.070		248.000	2334.890
Private	Mini Hydrel	128.33	128.33				
Private	Wind Mill	246.52	246.52				
Private	Jindal	100	100.00	111.980	#	141.440	1249.630
	Total Purchase		1065.80	367.304		540.090	4182.436
	Total		6054.51	2631.757		2954.457	26014.613

State	Kuttiadi+KES	3 x 25+50	125.00	12.523	120.00	38.672	554.272
State	Sholayar	3 x 18	54.00	23.152	55.00	20.787	202.796
State	Poringalkuthu+PLBE	4 x 8+16	48.00	15.477	48	16.096	261.673
State	Pallivasal	3x5 + 3x7.5	37.50	21.241	33	19.999	208.396
State	Sengulam	4 x 12	48.00	11.579	50	10.608	159.304
State	Panniar	2 x 15	30.00	12.927	36	7.586	151.499
State	Neriamangalam	15+17.5+18	50.50	18.783	54	7.711	255.138
State	Sabarigiri	5 x 50+1x60	310.00	135.230	275	137.475	1310.636
State	Idukki	3 x 130 + 3 x 130	780.00	271.360	780	256.425	1890.595
State	Idamalayar	2 x 37.5	75.00	17.828	76	40.459	309.761
State	Kallada	2 x 7.5	15.00	7.420	8	4.306	60.505

State	Peppara		3.00	0.399		0.251	6.938
State	Madupetty	1x2	2.00	0.763		0.807	4.445
State	Malampuzha	1x2.5	2.50				2.061
State	Lower Periyar	3x60.0	180.00	22.356		18.372	619.056
State	Kakkad	2x25	50.00	20.069	44	20.536	211.635
Private	Maniyar (Pvt)	3 x 4	12.00	1.727		2.147	40.223
Private	Kuthungal (Pvt)	3x7	21.00	2.006		5.049	47.524
State	Chembukadav	09X3+1.25X3	6.45				12.173
State	Urumi I & II	3x1.25+3x0.8	6.15				14.524
State	Malankara	3X3.5	10.50	2.449		3.765	24.711
State	Lower Meenmutty	1x1.5	1.50	-		0.084	5.539
	Total Hydro		1868.10	597.289		611.133	6353.405
State	Brahampuram	5x21.32	106.60			12.428	60.413
State	Kozhikode	8X16	128.00	5.461		25.805	99.207
	Total Thermal		234.60	5.461		38.233	159.620
State	Wind Mill	9x0.225	2.03	0.165		0.187	1.939
	Total State		2104.73	602.915		649.553	6514.964
Central	Kayamkulam RGCCPP, NTPC## (Combined Cycle)	2x116.6+1x126.38	359.58	0		195.175	727.916
Private	BSES, KOCHI: (Eloor Power Project)	3X40.5+1X35.5	157.00	0			72.536
Private	Kasargode Power Corporation Ltd.	3x7.31	21.93	0		1.717	8.536
	Total Purchase		538.51			196.892	808.988
	Total		2643.24	602.915		846.445	7323.952

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State	Pykara	3x6.65 +2x11 + 2x14	70.00	18.003	48.8	12.965	150.573
State	Pykara Micro	1x2	2.00	0.822	2	1.004	7.953
State	Pykara Ultimate Stage (PUSHEP)	3x50	150.00	10.845	146	16.925	232.047
State	Moyar	3 x 12	36.00	11.046	36	11.341	148.051
State	Maravakandi	1 x 0.7	0.70	0.142	0.5	0.100	1.327
State	Kundah I	3 x 20	60.00	24.131	60	22.599	282.549
State	Kundah II	5 x 35	175.00	58.208	175	53.070	707.437
State	Kundah III	3 x 60	180.00	35.258	116	33.679	440.516
State	Kundah IV	2 x 50	100.00	6.410	100	6.845	193.053
State	Kundah V	2 x 20	40.00	3.272	40	3.918	57.453
State	Suruliyar	1 x 35	35.00	3.083	35.6	4.238	97.922
State	Kadamparai	4 x 100	400.00	71.975	400	14.336	406.614
State	Aliyar	1 x 60	60.00	9.835	60	3.267	156.434

State	Poonachi	1 x 2	2.00	0.264	0.6	0.085	2.093
State	Mettur Dam	4 x 10	40.00	11.952	12.5	6.717	91.401
State	Mettur Tunnel	4 x 50	200.00	36.673	92	47.060	636.927
State	Lower Mettur HEP I	2 x 15	30.00	8.617	21	11.068	109.273
State	Lower Mettur HEP II	2 x 15	30.00	8.460	22	10.768	104.355
State	Lower Mettur HEP III	2 x 15	30.00	8.291	21	10.813	104.167
State	Lower Mettur HEP IV	2 x 15	30.00	6.397	17	8.823	85.749
State	Bhavani Sagar-Micro	4 x 2	8.00	4.575	7.6	4.446	44.578
State	Periyar	4 x 35	140.00	36.349	102	58.828	500.430
State	Vaigai	2 x 3	6.00	2.120	6	1.940	19.807
State	Papanasam	4 x 7	28.00	14.110	31.2	16.953	129.206
State	Servalar	1 x 20	20.00	6.965	20.3	6.492	36.978
State	Sarkarpathy	1 x 30	30.00	15.448	24.6	17.485	119.230
State	Sholayar I	2 x 35	70.00	23.546	70	7.217	311.043
State	Sholayar II	1 x 25	25.00	18.417	25	12.636	58.638
State	Kodayar I	1 x 60	60.00	23.850	44	17.420	193.704
State	Kodayar II	1 x 40	40.00	9.187	42	4.866	80.806
State	Lower Bhavani RBC		8.00	2.657	7.9	2.904	30.713
State	Sathanur	1x7.5	7.50	2.444	7	0.916	7.799
State	Parson's Valley	1x30	30.00	5.448	30	2.581	53.175
State	Mukurthi Micro	0.7	0.70	0.214	0.6	0.176	2.447
State	Thirumoorthy	0.65x3	1.95	0.714	1.8	0.581	3.200
State	Lower Aliyar			1.600	2.2	1.372	8.166
State	Bhavani Kattalai Barrage	1x15	15.00		19	10.040	57.222
	Total Hydro		2160.85	501.328		446.474	5673.036
State	Ennore	2x60 + 3x110	450.00	40.379	258	147.379	1207.085
State	Tuticorin	5 x 210	1050.00	635.430	1070	683.450	6633.100
State	Mettur	4 x 210	840.00	470.425	860	602.263	5635.851
State	North Chennai	3 x 210	630.00	364.335	660	472.553	4005.795
	Total Coal		2970.00	1510.569		1905.645	17481.831
State	Basin Bridge	4 x 30	120.00	2.250	100.9	6.601	18.604
State	Kovil Kalappal	1x70+1x37	107.88	43.523	100	64.710	577.479
State	Valathur	1X60+1X34	94.00	60.512	92	56.028	#REF!
State	Kuttalam	1x64+1x37	101.00	59.044			455.289
	Total Gas		422.88	165.329		127.339	1681.256
	Total Thermal		3392.88	1675.898		2032.984	19163.087

State	Wind Mill (State)		19.36	0.537		0.550	17.034
State	Solar (State)						
	Total State		5573.09	2177.763		2480.008	24853.157
Private	GMR Vasavi	4x49	196.00	63.866	192	88.225	663.457
Private	Samalpatty	7x15	105.66	29.736	105.6	43.329	268.007
Private	Madurai PCPL		105.66	31.657	105.9	44.269	262.162
Private	Pillai Perumal Nallur		330.50	-0.154	330.5	193.932	707.625
Private	Wind Mill + Biomass	1342		148.463		275.964	4794.903
Private	TCPL		63.50	43.186		43.506	402.545
Private	HITEC		15.00	6.367		7.160	71.056
Private	Manali			1.190		2.038	15.052
Private	Neyveli STCMS Unit		250.00	156.442	250	141.275	1382.522
Private	ABAN	1x74.1+1x38.81	113.21	73.956	116	78.894	670.864
Private	Cogeneration			65.000		55.000	729.000
Private	Solar		246.60				
Private	Other CPPs						
Private	Arkay Energy Ltd.		52.80	22.141	51.7	34.486	283.269
	Total Purchase		1478.93	641.850		1008.078	10250.462
Central	Neyveli TS I	6x50 + 3x100	600.00	324.702	599	389.534	3253.857
	Total		7652.02	3144.315		3877.620	38357.476
State	Kadamparai (Pump mode)			92.943		19.967	399.300

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Central	Karaikal Combined Cycle Diesel Power Plant	1x32.5	32.50	21.716		23.920	232.424
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Sector

Central	Ramagundam STPS	3x200 + 4x500	2600.00	1846.690		1764.854	16702.538
Central	Neyveli TS II	7 x 210	1470.00	724.209	1484	897.745	6560.938
Central	Neyveli TPS - I Exp.	2x210	420.00	306.245	430	288.752	2704.829
Central	Talcher Stage II-NTPC (Relief)	4x500	2000.00	1355.354		1301.351	13030.220
Central	MAPS (Kalpakkam)		390.00	167.438		223.980	2189.780
Central	Kaiga GS	2x220	440.00	230.873		232.223	2096.725
	TOTAL		7320.000	4630.809		4708.905	43285.030

State Hydro-Total	3082.26		2811.04	32545.28
State Thermal-Total	4829.15		5326.93	48100.17
State Others- Total	1.60		1.38	33.43
State Purchase- Total	2375.52		3099.34	27536.56
ISGS-Coal/Lignite- Total+NLC TS-I & Pondy	4578.92		4666.16	42484.81
ISGS Nuclear- Total	398.31		456.20	4286.50
SR- Grand Total	15265.76		16361.04	154986.75

9. प्रमुख जलाशयों में संचयन की स्थिति

STORAGE POSITION IN MAJOR HYDEL RESERVOIRS

Reservoir	F.R.L.in mtrs.	Energy in MU at FRL	MDDL in M	As on 31-Jan-07				As on 31-Jan-06		
				Level in M	Energy in MU	Inflow in MU	Cumulative inflow from April 06	Level in M	Energy in MU	Inflow in MU
Andhra Pradesh										
Jalaput	838.40	495	818.39	834.36	370	19	1003	835.53	371	21
Srisaillam	270.70	-	243.84	262.89	597	20	9432	264.54	409	18
Nagarjunasagar	179.90	-	156.97	167.21	472	-	-	170.72	-	-
Karnataka										
Linganamakki	554.50	4547	522.73	548.40	2823	69	6366	549.33	3056	41
Supa+Bommanhalli+Tattihalli	564.00	3152	495.00	550.61	2034	41	3432	553.73	2273	19
Kerala										
Idukki	732.43	2190	694.94	722.31	1369	30	2390	725.28	1604	22
Kakki+Pampa	981.45	916	908.30	971.75	505	38	1671	975.40	695	56
Total		4083		-	2679	135	6896		2900	153
Tamil Nadu										
Nilgiris		1504		-	1134	38	2526	-	1206	45
Total		2182.87		-	1473	78	4434		1695	134
Mettur	240.79	210.02		-	80	4	685	-	175	22

10. जनवरी 2007 में मुख्य तापीय / नाभिकीय केंद्रों का कार्य निष्पादन

PERFORMANCE OF IMPORTANT THERMAL/NUCLEAR PLANTS IN JANUARY 2007

STATE/STATION	Installed Capacity (MW)	Plant Load Factor (%)	Plant Availability Factor (%)
ANDHRA PRADESH			
Kothagudam	1180.00	85.95	89.29
Vijayawada	1260.00	98.58	97.66
Rayalaseema	420.00	98.81	98.92
KARNATAKA			
Raichur	1470.00	100.55	99.72
TAMIL NADU			
Ennore	450.00	44.02	59.01
Tuticorin	1050.00	87.49	89.51
Mettur	840.00	96.37	96.86
North Chennai	630.00	100.82	99.54
ISGS			
Ramagundam STPS: NTPC	2600.00	91.24	91.72
Neyveli TS II	1470.00	82.08	86.02
Neyveli TS I Expansion	420.00	92.41	94.20
MAPS (Nuclear)	440.00	68.38	96.57
Kaiga GS (Nuclear)	440.00	70.94	100.00
CGS			
Simhadri, NTPC	1000.00	99.45	98.38
Neyveli TS I	600.00	87.26	96.38

11. क्षेत्रीय ग्रिड प्रचालन REGIONAL GRID OPERATION

11.1 फ्रीक्वेन्सी प्रोफाइल Frequency Profile

The Grid frequency profile is as follows:

Percentage of time when frequency was between

Frequency Range	< 48.5	48.5 to 49.0	>49.0 to 49.5	>49.5 to 50.0	>50.0 to 50.5	> 50.5	IEGC Range
January-07	0.00	9.26	78.60	11.79	0.30	0.05	90.69
January-2006	0.00	0.08	5.39	68.48	26.00	0.05	99.87

Maximum	50.78	15 January 2007
Minimum	48.58	3 & 5 January 2007
Average	49.23	

11.2 VOLTAGE PROFILE AT IMPORTANT 400 kV NODES OF REGIONAL GRID IN KV

400 KV Station	January-07		December-06	
	Average of		Average of	
	MAX	MIN	MAX	MIN
Hyderabad	418	411	420	411
Ramagundam	411	406	413	407
Nagarjunasagar	417	408	418	408
Cuddapah	417	404	417	403
Vijayawada	422	408	424	411
Gooty	433	418	430	415
Gazuwaka	424	418	423	417
Bangalore	411	388	410	386
Kolar	419	402	418	401
Narendra	404	390	407	394
Thiruvananthapuram	419	401	418	402
Thrissur	408	389	407	391
Chennai	418	405	418	403
Hosur	411	394	412	395
Neyveli II	416	407	417	408

11.3 टाई लाइनों का प्रचालन **Operation of Tie Lines**

i) PGCIL

The availability of the transmission elements as furnished by PGCIL is given below:

	Element Name	Percentage Availability for January 07	Cumulative % Availability from April 06
A.	Intra Regional AC System	99.80	99.77
B.	Intra Regional DC System	100.00	98.37
C.	Inter Regional AC System (SR-WR)	98.77	99.62
D.	Inter Regional AC System (SR-ER)	100.00	99.82
E.	Inter Regional HVDC System (SR-WR) (till Dec., 06)	98.23	96.60
F.	Inter Regional HVDC System (SR-ER)	87.06	98.42
G.	Kayamkulam System	100.00	99.97

Details are given at Annexure- V

Inter State Lines Owned by State Utilities (220 kV)

1	Alipur – Gooty (KAR – AP)	00 00
2	Sedam – Tandur (KAR - AP)	03 27
3	Chittoor – Tiruvalam (AP - TN)	04 21
4	Sulurpet –Gummidipoondi (AP - TN)	04 31
5	Yerrandanahalli- Hosur (KAR - TN)	07 41
6	Idukki – Udumalpet (KER - TN)	06 34
7	Edamon – Kayathar (KER - TN)	04 41
8	Moozhiyar – Theni (KER - TN)	28 37
9	Mysore – Kaniampetta (KAR - KER) Kadakola	139 39

Inter Regional Lines Owned by State Utilities (220 kV)

1	Upper Sileru -Balimela (AP-ORISSA)	744 00
2	Lower Sileru – Barsur (AP – CSEB)	744 00
3	Chikkodi – Kolhapur (KAR – MAH) Ckt-I	07 55
4	Chikkodi – Kolhapur (KAR – MAH) Ckt-II	07 55

11.4 शंट कैपासिटर्स की स्थापना

Installation of Shunt Capacitors

A. एच टी कैपासिटर्स

HT CAPACITORS

Figures in MVAR

	As on 31-3-2006	Programme of utilities for 2006 – 2007	January-07	Cumulative for 2006-07
APTRANSCO	6423.4	190*	5	155
KPTCL	4137.5	0#	7.5	174.854
KSEB	1005	0	0	0
TNEB	3892.3	84.0*	0	52.8
Total Region	15458.2	274	12.5	382.654

APTRANSCO & KPTCL has reconciled the figures up to Jan 07

* Balance for the year 2005-06

Programme for the year 2006-07 yet to be finalised

11.5 ग्रिड अलगाव

Grid Separations

NIL

11.6. ग्रिड बाधाएँ

Grid Disturbances

NIL

12. दक्षिण क्षेत्र की नई उत्पादन योजनाओं की प्रगति की समीक्षा

REVIEW OF PROGRESS OF WORKS ON ONGOING/NEW GENERATION SCHEMES IN SOUTHERN REGION

Type	Sector	Station	Capacity (MW)	Progress/Status
Andhra Pradesh				
Gas based	Private	Peddapuram CCGT Power Project (M/s Gowtami Power Pvt.Ltd. Merged project of Gowtami & NCC)	464	Project is ready for testing and commissioning depending on when the natural gas is made available by GAIL
Gas based	Private	M/s Konaseema Gas Based Power Project (Konaseema EPS Oakwell Power Ltd.)	445	Project is ready for testing and commissioning depending on when the natural gas is made available by GAIL
Gas based	Private	Vemagiri CCGT Power Project (M/s Vemagiri Power Generation Ltd., Formerly ISPAT Power Ltd.)	370	Project is ready for testing and commissioning depending on when the natural gas is made available by GAIL
Gas based	Private	GVK Extn.Project (Stage-I)	220	Project is ready for testing and commissioning depending on when the natural gas is made available by GAIL
Gas based	Private	Isolated ONGC Gas Wells	27.42	27.42 MW commissioned .
Gas based	State	Hyderabad Metro Gas based Project Shankarapally	2100	U-1 Mar-2009; U-2 Sep- 2009; U-3 May- 2009
Hydro	Private (Inter state)	Inter-State Power Plants (Mini Hydrel) (M/s. NCL Energy Ltd.- RB High level canal of TB Dam, Bellary Distt. Karnataka, 80%(6.60MW) to AP & 20% (1.65 MW) to Karnataka)	8.25	8.25 MW commissioned up to 31.03.2006
Hydro	State	Tail Pond PH at Nagarjunasagar	50	U- 1 July- 2008 U-2 Nov - 2008
Hydro	State	Jurala HES (Priyadarsini)	234	U-1 - Mar. 2007, U-2 - July 2007, U-3 - Oct. 2007, U-4 - Jan. 2008, U-5 - Apr. 2008, U-6 - July 2008
Hydro	State	Lower Jurala	240	U-1 - Nov. 2009, U-2 - Feb. 2010, U-3 - May 2010, U-4 - Aug. 2010, U-5 - Nov. 2010, U-6 - Feb. 2011
Hydro	State	Pochampad Expansion-4th Unit	9	2008
Mini PP	Private	Mini Power Plants	595.3	APERC approved for 126.00 MW in the Business Plan 2002-07. 74.312 MW commissioned on 31-7-04
RES	Private	Bio - mass based co-generation	46.3	30.55 MW Commissioned up to 31.03.2006. 7.00 MW expected in 2006-2007. 8.75 MW expected in 2007-2008
RES	Private	Bio - mass based power plant	331.5	182.5 MW Commissioned up to 31.01.2007 149.00MW expected in 2006-07
RES	Private	Bagasse based Co-generation	312.7	183.2 MW commissioned up to 31.8.06. 58.5 MW expected in 2006-07 71MW expected in 2007-08
RES	Private	Mini Hydrel Projects (H)	117.1025	94.8025MW commissioned up to 31.03.2006 22.30 MW expected in 2006-07
RES	Private	Industrial waste based	56.48	16.82 MW commissioned up to 31.08.06 7.16 MW expected in 2006-07. 32.5 MW expected in 2007-08
RES	Private	Municipal Waste based	30.343	12.6 MW commissioned up to 31.03.2006 17.743 MW expected in 2006-07
Thermal	Private	Visakhapatnam TPP - HNPCL (T)	1040	11th Plan
Thermal	Private	Krishnapatnam-B (BBI Power Krishnapatnam Co.) (T)	520	11th Plan
Thermal	Private	Krishnapatnam-A (GVK Power Ltd.)	500	11th Plan
Thermal	Private	Spectrum Extn. project	358.9	2010

Thermal	Private	Gauthimi Stage - 2	370	134 MW in 2011
Thermal	Private	Vemagiri Stage - 2	370	150 MW in 2011
Thermal	Private	GVK Extension - 2	220	2010
Thermal	Private	Ramagundam TPP	520	11th Plan
Thermal	Private	Torongalli TPP	500	11th Plan
Thermal	State	Vijayawada (T) Stage-IV	500	2008
Thermal	State	Rayalaseema (T) Stage-II	630	Unit I in November 2006 unit-III commissioned 24.1.07
Thermal	State	Rayalaseema (T) Stage-III	710	Unit-V in February 2009, Unit-VI in Feb. 2010
Thermal	State	Kakatiya TPP (Bhoopalapalli) (T)	500	Dec. 2008
Thermal	State	Kakatiya TPP Stage-II	500	Dec. 2010
Thermal	State	KTPS Stage-VI, Phase-I	500	40148
Thermal	Private	Krishnapatnam UMPP	4000	2010-11
Thermal	State	Dummugudem	320	Mar. 2010, Balance 6 units by Aug. 2011
Thermal	State	Polavaram	960	Unit 1 Aug. 2010, balance 7 units by 2011
Thermal	State	Singareddipalli	200	2011-2012
Thermal	State	Pulichintalla	120	Unit 1 Sep. 2009, balance 3 units by June 2010
Gas	State	Combined cycle gas based project near Karimnagar	2100	Unit 1 - 700 MW - Sep. 2009, Unit 2 - 700 MW - Dec. 2009, Unit 3 - 700 MW - Mar. 2010
Wind	Private	Wind Energy (W)	315.37	103.57 MW commissioned up to 31.01.2007, 40 MW expected in 2006-07.171.8 MW

Karnataka

Gas based	Private	Nagarjuna TPP Unit I & II	1015	11th Plan
Gas based	State	Bidadi Combined Cycle Power Plant	1400	2008-09
Gas based	State	Bidadi Ext.	700	11th Plan (To be firmed up)
Hydro	State	Varahi UG Power House	230	2008-09
Hydro	State	Tattihalli	450MU/Ann um	Project could not be taken up due to local agitation.
Mini Hydel	Private	SLS Power Industries	3.2	Commissioned on 14.9.2006
Thermal	State	Bellary -TPS	500	39142
Thermal	State	Raichur TPS, Unit-8	210	11th Plan (To be firmed up)
Thermal	State	Raichur II TPS	500.0	11th Plan (To be firmed up)
Thermal	State	Bellary Extension	500.0	11th Plan (To be firmed up)
Thermal	State	Mangalore TPS	1600.0	11th Plan (To be firmed up)
Wind	central - PSU	Bharat Electronics	2.5	Commissioned on 30.9.06
Wind	Private	Enercon wind farm	2.4	Commissioned on 19.8.06
Wind	Private	Pragathi Aroma	1.2	Commissioned on 30.9.06

Wind	Private	Sanjay Godawat	4.2	Commissioned on 30.9.06
Wind	Private	Suresh Kumar Sharma	1.3	Commissioned on 23.9.06
Wind	Private	VRL Ltd	2.5	Commissioned on 23.9.06
Wind	Private	VRL Ltd	10.0	Commissioned on 23.9.06
Wind	Private	VSL Mining	6.3	Commissioned on 28.9.06
Wind	Private	V.S Lad & Sons	6.3	Commissioned on 29.9.06
Wind	Private	Shakambari Enterprise	1.3	Commissioned on 28.9.06
Wind	Private	Happy Valley Developers	1.3	Commissioned on 28.9.06
Wind	Private	MPR Wind Farm	1.3	Commissioned on 28.9.06
Wind	Private	Nusiveedu Seds	3.8	Commissioned on 28.9.06
Wind	Private	Revathi Raju	1.3	Commissioned on 28.9.06
Wind	Private	Bhagyanagar India Ltd.	3.2	Commissioned on 28.9.06
Wind	Private	Enercon wind farm	52.0	Commissioned on 26.10.2006
Wind	Private	Enercon wind farm	16.8	Commissioned on 29.12.2006
Biomass	Private	Global Energy Ltd.	5.0	Commissioned on 30.12.2006

Kerala

Hydro	Private	Ullunkal SHP(M/s TECIL)	7.0	Work stopped since 08.03.2001. Board has approved the proposal to take over the scheme left incomplete.
Hydro	Private	Karikkayam SHP(M/s TECIL)	15.0	Work stopped since May 1998. Board has approved the proposal to take over the scheme left incomplete.
Hydro	Private	Bhoothathankettu	16.0	The irrigation land of 2.18 ha required for the project has not been handed over.
Hydro	State	Kuttiadi Tail Race	3.75	August 2006
Hydro	State	Kuttiadi additional Extn. Scheme	100	1st Unit in February 2007 2nd Unit in March 2007
Hydro	State	Kuriyarkutty_ Karappara	84	Project is proposed.
Hydro	State	Chalippuzha and Mananthavady	225	Project is proposed.
Hydro	State	Athirappilli	163	Fresh clearance from the Cent. Govt. to be obtained.
Hydro	State	Barapole	9	Land to be acquired.
Hydro	State	Landrum	3.5	Land to be acquired.
Hydro	State	Sengulam Tail Race	4.5	Land to be acquired.
Hydro	State	Neriamangalam Extension	25	2006
Hydro	State	Lower Meenmutty	2	1x1.5 Commissioned during 2005-06
Hydro	State	Kuttiyar Diversion (Balance works)	37	June-06
Hydro	State	Azhutha Diversion (Balance works)	57	December-06
Thermal	Private	Kannur	513	11th Plan

Tamil Nadu

Gas based	State	Valuthur GTPP (Addl.)	95	2007-08
Hydro	Private	Vairavanar Barrage-I (Periyar Vaigai HEP)	6.6	11th Plan
Hydro	State	Bhavani Kattalai Barrage I HEP	30	Unit-1 Commissioned on 1-8-2006 Unit-2 Commissioned on 22-9-2006
Hydro	State	Bhavani Kattalai Barrage II HEP	30	2007-08, Infrastructure work under progress
Hydro	State	Bhavani Kattalai Barrage III HEP	30	2007-08, Infrastructure work under progress
Hydro	State	Amaravathi HEP	4	Unit-1 Commissioned on 31-7-06, Unit-2 commissioned on 29.11.2006
Hydro	State	Bhavani Barrage (Nellithorai Lower Bhavani) Barrage I HEP	10	2007-08
Hydro	State	Bhavani Barrage (Nellithorai Lower Bhavani) Barrage II HEP	10	2008-09
Hydro	State	Bhavani Barrage (Nellithorai Lower Bhavani) Barrage III HEP	8	2008
Mini Hydrel	Private	Pechiparai HEP	1.3	2006-07
Mini Hydrel	State	Perunchani Mini HEP	1.3	Commissioned in Jan. 2006 (21.01.2006)
Thermal	JV	Ennore TPP (JV with NTPC)	1000	11th Plan
Thermal	JV	Tuticorin Stage IV (JV TNEB & NLC)	1000	11th Plan
Thermal	Private	JGCC Project- Madras Refinery	500	11th Plan (To be firmed up)

Central

Thermal	Central	Neyveli TS-II (Expansion)(NLC)	500	I Unit- Feb- 2009 II Unit- June- 2009
Thermal	Central	Jayamkondam Lignite(NLC)	1000	12th Plan
Nuclear	Central	Kaiga Stage-II(NPCIL)	440	Unit -3:March.2007, Unit- 4: Sep. 2007
Nuclear	Central	Kudankulam(NPCIL)	2000	2008-09
Gas based	Central	Kayamkulam CCPP Module 1 to 3(NTPC)	1950	11th Plan
Thermal	Central	Simhadri Expansion	1000	2009
Thermal	Central	Neyveli TS-III (NLC)	1000	12th Plan

13. दक्षिण क्षेत्र में 400 एवं 220/230 कि वो की नई पारेषण लाइनों के निर्माण कार्य की प्रगति की समीक्षा

REVIEW OF PROGRESS OF WORKS ON NEW 400 KV AND 220/230 KV TRANSMISSION LINES UNDER STATE SECTOR IN SR

Sl. No.	Name of the Transmission Line	Date of investment decision by Planning Commission	Length in Circuit Kms.	String-ing completed in c.Kms	Target date of completion	Remarks
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ANDHRA PRADESH

400 KV LINES

1	Ramagundam (NTPC)-Ditchipally SC line from Putnur to Ditchipally(126 kM), DC line from Ramagundam to Putnur(22kM)	-	170	-	Mar-07	Contract awarded
2	400 kV D/C line for LILO from Ramagundam-Ghanapur 400 kV line to Gajwel		25	-	Dec-07	Tendering activity completed. Bids opened
3	Narasaraopet - Vemagiri D/C		170		Dec-'07	Bid evaluation under progress
4	LILO of Srisailam-Vijayawada at Narasaraopet D/C		1		Dec-'07	Bid evaluation under progress
5	Vemagiri 400KV S/S -Gowthami CAPP		78		Jan-06	Commissioned. Ckt-I on 16.8.06 Ckt-II on 17.8.06
6	400 kV D/C line for LILO from Ramagundam-Ghanapur 400 kV line to Malkaram		64	-	Dec-08	Tendering activity completed. Bids opened
7	Gajwel - Yeddumailaram (DC)		212		Oct-08	Bid evaluation under progress
8	Yeddumailaram- Mampidipalli (DC)		216		Oct-08	Bid evaluation under progress
9	Vemagiri-Konaseema(DC) Ckt-I					Commissioned on 17.7.06

220 KV LINES

A Hyderabad Circle(Telangana Region)						
1	Installation of 245 KV XLPE UG cable from Asifnagar S/S to Karwan		2.94	2.94	Nov, 2006	Works under progress
2	Sivarampalli-Karwan (DC/SC)		9.5	-	Oct-06	Work stopped-court case
3	Nagarjunasagar (Tallapally) -Narketpally (DC/SC)	8th Plan	96	-		Tenders were cancelled and programmed for 2007-08
4	Tallapally-Chalukurthy DC/SC line		26	26	May, 06	Line works completed.
5	Chalukurthy-Kondamallepalli DC/SC line		43		Feb-07	Works under progress

B Cudappah Circle(Rayalseema Region)

1	Anantapur- Kalyandurg		63	62	June, 06	Works completed. Line is idle charged on 1.08.2006
2	SC two phase line from 220 kV S/s Rajampeta Rajamundry (Rajampeta) RTSS		4.5		2005-06	Works completed.

C Andhra Region

i Rajahmundry Circle

1	LILO of Vemagiri from Bommuru- Vijeswaram 220 kV line		2.39	2.39		Line charged
2	Vemagiri - Bhimavaram (DC) line from M/s Vemagiri PGL		2.31	2.31		Works completed on 12/2004
3	LILO to Kamavarapukota from Vijeswaram VTPS 220 kV DC line		46		Mar-07	
4	Erection of 220kV DC/SC line from Garividi 220kV SS to Boddepallipeta		44	43.5	Dec-06	Works under progress
5	Erection of 220kV DC/SC line from Boddepallipeta to Tekkali 220kV SS		44		Mar-07	Works under progress

ii Vijayawada Circle

1	Bhimavaram - Gudiwada (DC) (Bhimavaram end)		50	Nil	Mar-07	Works under progress
2	Bhimavaram - Gudiwada(DC) (Gudiwada end)		72	72		Line test charged on 22.10.2004
3	VTS-Tallapally		130		March, 07	Works under progress

iii **Nellore Circle**

1	LILO from Nellore-Renigunta 220 KV DC line to Nellore 400 KV S/S- 2 nos. 220 KV DC lines.		20.22	19.358	Mar-07	Work under progress./Standing crops
2	Sulurpet- Renigunta (DC/SC) line	7th Plan	55			Tender to be called for balance works.

OTHERS

1	Lower Sileru-Maredumilli	Oct. 78	80	-		Tenders opened & evaluation under progress
2	Vemagiri - Bommuru 220 KV Line	}	10	10	Admin. Approval is yet to be accorded	PFC loan sanctioned & to be programmed PFC loan sanctioned & to be programmed -- Do -- -- Do -- -- Do -- -- Do --
3	Jegurupadu - Nidadavole		20			
4	Ditchipally 400 KV S/S - Ditchipally 220 KV S/S (SC on DC)		20	-		
5	Ditchipally 400 KV S/S - Nirmal		70	-		
6	Gajwel - Siddepet (SC on DC)		45	-		
7	Gajwel -Minpur (SC on DC)		80	-		
8	Malayalapally - Ramagundam (SC)		10	-		
9	Gajwel - Kamareddy (SC on DC)		90	-		
10	Narasarsopet 440 kV S/S - Narasarsopet 220 kV S/S (D/C)			16		
11	Narasarsopet 440 kV S/S - Parchur 220 kV S/S (D/C)		110		Dec. 07	Tenders to be invited
12	Parchur 220 kV S/S - Podili (D/C)		120		Dec. 07	Tenders to be invited
13	Veltoor 400 kV s/s - Wanaparthy 220 kV s/s		40.41		May-07	Works awarded on 9.9.2006
14	Chittoor 400 kV s/s - Palamaneru 220 kV s/s		59.5		Apr-08	Works awarded on 9.9.2006
15	Kalpa s/s - Brandix		42		Apr-07	Works in progress
16	Ramagunnda-Bellampalli		43		Sep-07	Works in progress
17	Veltoor 400 kV s/s - Jurala 220 kV s/s		62		Mar-07	Works awarded.Excavation work under progress

RTPP Evacuation Scheme

1	RTPP - Pulivendula		80			Tenders to be invited
2	Pulivendula-- Hindupur		238			Tenders to be invited

KARNATAKA

A 400 KV LINES

1	400 KV DC line between BTPS and Hiriyur		302.3		Mar-06	DPR received on 4-10-05. Work to be tendered.
2	400 KV LILO line at BTPS Kuditini(DC) & 220 KV LILO from Lingapur-Alipur line to BTPS				Mar-06	220 kV line charged till BTPS end
3	Construction of 2 TBs for Guttur-Sisi-Kaiga line at Guttur				June, 05	TBs commissioned for Kaiga line1- & for line 2 on 8.9.06

B 220 KV LINES

1	Construction of 220 kV DC line from Nelamangala to 220 kV NRS in existing 110 kV SBT corridor partially with multi circuit	-	-	-	Jun-06	DPR under preparation. Target date to be revised.
2	From Somanahally to Loc.No.121 by B'lore MW Div.		28	25	Mar, 07	10 km. line stringing completed and charged
3	From Loc.122 to Malur by Kolar MW Divn.	-	40	24	Mar, 07	LOA to be issued for balance work
4	220 KV DC line from Malur to Kolar	Aug-98	22	22	Mar, 07	LOA issued

5	220 kV DC line with narrow based towers to Nagarbhavi by making LILO of Peenya-S.Pura SC line	-	7	-	Aug-06	Estimate for running cable instead of OH line is prepared. DPR to be approved
6	220 kV DC line to Hoskote (Pillaguppa) by constructing LILO of Hoody-Kolar SC line	-	32	-	Mar-07	Tender floated
7	Tallak: 220 kV DC line from Hiriyur 400 kV Station to Tallak	-	61	-	Jun-07	Work under Progress
8	220 kV 2nd circuit line from Somanahalli to T.K.Halli in the existing corridor (SC)	-	63	-		DPR to be approved
9	220 kV DC line from Anchepalya to Tubinkere 220 kV station-Lilo Shimoga-Mysore up to Huyyaganahalli. The line is rerouted as LILO at Uyyaganahalli form Shimoga-Mysore line	-	76	-	Aug. 08	LOI issued.
10	LILO of 220 kV Hoody-Somanahally DC line to proposed 220/66 kV station at Naganathapura	-	0.6	-	Mar-07	LOI issued
11	Construction of 220 kV DC line between 400/220 kV station, Nelamangala and DB pura and providing two Nos. of TBs at Nelamangala and DB Pura.	Nov. 2003	33.71	-	Mar-07	220 kV TB at Nelamangala end Commissioned on 30-9-05
12	Constuction of 220 kV LILO line from Shimoga-Nelamangala to the proposed 220 kV Nittur station.		0.5			Commissioned on 13-9-2006
13	Hiriyur 400 kV s/s- Gowribidanur 220 kV s/s		121		Apr-07	Work under progress
14	LILO from Harohalli-T.K Halli line to Kanakapura		3.2		Mar-06	DWA issued on 12.9.2006
15	LILO line from Gowribidanur line to Devanahalli Int. AirPort Station		4.98		Mar-06	Commissioned on 25-11-06

Mysore Zone

1	220 kV LILO from T.K.Halli-Hootagalli line to Vajamangala	-	-	-	Dec-07	TAC approved. DPR is being prepared.
2	Interlinking 220 KV lines from proposed 400 KV station at Bastipura	-	-	-	Jun-07	Commissioned on 2.05.2006
	a) 220 kV LILO line to Bastipura to Hootagalli line					Commissioned on 4.05.2006
	b) Bastipura to Shimoga line					
	c) Bastipura to Kadakola		27.21		Jun-07	Work under progress
3	220 KV SC line on DC Towers from proposed 440/220 KV Bastipura RS to Kushalanagara	-	-	-	Jun-07	LOI issued on 24-8-06
4	Construction of 220 kV TBs at 200 kV Kadakola for proposed 220 kV DC line from 400/220 kV station Bastipura.				13.08.2006	DWA issued. Work under progress

Hassan Zone

1	Construction of 220 kV DC line from Varahi-Shimoga and dismantling of 110 kV SC line	16.07.98	2x100	2x82.5	Mar-06	Construction of 220 kV DC line in the existing corridor of 110 kV SC line up to Hulical ridge completed. Tender for remaining section invited and finalised.
2	Terminal Bay at MRS for Varahi to Shimoga line	14.02.2000	-	-	Mar-06	Revised estimate submitted for balance work
3	220 kV line in Shiralakoppa in Shimoga District	-	-	-	May-06	LOI issued on 7-12-06
4	Construction of 220 kV DC line from Varahi to Kavoora via Khemar in the existing corridor of 110 kV SC, SK line	-	290	-	Mar-06	Tenders invited
5	a) Construction of 220 MC line from Sharavathi Generating Station to Dugadimane limits.	}	13.875	}	Mar-06	Work under progress
	b) Providing 03 Nos. of 220 kV Bays at Sharavathi Generating Station for the above line					
	c) Dismantling of 220 kV SC lines					
6	220 kV DC line tapping from Khemar-Kavoora line to Bykampady OR 220 kV DC line tapping from Tannirbhavi line to Bykampady	-	-	-	Mar-07	DPR is being prepared.
7	a) Guruvayangere - Puttur DC line b) 2 No.220 kV TBs at KhemarSS for Puttur line	-	-	-	2005-06	a) Work under progress. b) DWA issued to M/s L & T
8	220 kV DC LILO line from Shimoga - Mysore line upto proposed 220 kV Huygonahalli station.	-	11.73	-	Jul-07	LOI issued on 24-8-06

9	Construction of 220 kV DC LILO line at Yachanahalli in C.R. Patna Tq. tapping from the existing 220 kV line from Shimaga-Mysore line	-	3.23	-	May-06	Major Works completed
10	Chikkamagalur-Bastipur-220KV LILO to KR Pet R/S				Jul-06	Survey work completed

Bagalkot Zone

1	220 kV line from Chikkodi to Kudachi	-	142.11		Mar-07	Notice served to the contractor for slow progress. Yet to resume work
2	220 kV LILO line from both the circuits of 220 kV Sharavathi-Hubli D/C line to the 220 kV switching station at Sirsi on 220 kV MC towers having 4 circuits.		6.65		Mar-07	Revised DWA issued on 30-01-06. Work under progress
3	220KV Line to Bidnal					
	1) 220 KV LILO from Hubli- Mahalingapur		1.053		Aug-07	Tender floated
	2) 220 KV D/C LILO line from Hubli- Gadag		0.441		Aug-07	Tender floated
	3) 220 KV D/C link line between Nag- Hubli		1.365		Aug-07	Tender floated
4	220 KV D/C line Narendra to Mahalingapur				Dec-'07	Tender floated
5	Const. of 220 kV DC and MC lines passing through KIADB land in front of 220 kV Narendra station					Tender floated

Gulbarga Zone

1	220 kV DC LILO line from 220 kV Lingasugur-Shahabad SC line to proposed 220 kV S/S at Shahapur	-	4.025		2005-06	Commissioned on 21-11-2006
2	Proposed 220 kV DC line from RTPS to proposed 220 kV S/S at Shahapur by linking the 220 kV RTPS Gulbarga DC line	-	1.7		2005-06	Commissioned on 19-11-2006
3	220 kV DC LILO lines to 220 kV S/S at Shahabad from one circuit of 220 kV Shahapur-Gulbarga DC line	-	3.95		2005-06	Works completed. Ready for commissioning
4	220 kV additional SC Line from RTPS to Raichur	-	20		Jun-06	Tenders floated
5	220 kV LILO line to Sindhanur from Lingsugur-II line	-	70		Oct-06	Tenders floated

KERALA

220 KV LINES

1	LILO of Thrissur-Kozhikode 220KV SC to Malapparamba	Nov. 2000	4	-	2005-06	
2	LILO of Kayamkulam-Edamon to Edappon S/S (Bharanikavu-Edappon)	May-01	2x8.5	-	Jun-06	Work in progress
3	DC line from Koonathara-Shornur	May-00	2x4.26	5	2005-06	Work in progress
4	LILO of Veeyapuram-Punnappara (DC)		2x18.62	-	Jun-06	
5	Interconnecting lines to Cochin 400kV PGCIL S/S				Mar-07	Decision regarding the scheme is finalised.
6	Interconnecting lines to existing state grid				Mar-07	Decision regarding the scheme is finalised.
7	LILO at Vadakara from Kozhikode -Kannur line (DC)		2x1	-	Mar-06	Land not acquired
8	Interconnecting lines to Kozhikode 400kV PGCIL S/S				Not fixed	Concurrence from PGCIL awaited.
9	Pothencode - Kattakada(DC)		2x30	-	Mar-07	Tree cutting work awarded for one stretch
10	Athirapally - Kodakara		75		Mar-07	

TAMIL NADU

400 KV LINES

1	Neyveli-Melakkottaiyur 400 KV SC line on DC towers	170			Work yet to be taken up (By turnkey)
2	Almathy-Melakkottaiyur 400 KV SC line on DC towers	20.3			Work yet to be taken up (By turnkey)

230 KV LINES

1	Karaikudi-Madurai North (SC)	77.56	77.56	2005-06	Line energised on 10-1-06
2	LILO of Korattur - Koyambedu 230 KV line at Almathy 400 KV S/S	34		2005-06	Work under progress
3	Almathy 400 KV S/S to Avadi 230 KV SS by UG cable near Avadi	12.8		2005-06	Work completed
4	Avadi Railway Crossing to Koladi (common point) for Almathy	5.22		2005-06	Work under progress
5	Mylapore-Tharamani	11		2005-06	Yet to be taken up.
6a	Elephant Gate-Tondiarpet	5		2005-06	Energised
7b	230 KV UG Cable Elephant Gate- Mylapore	4		2005-06	Work yet to be taken up.
8	Melakkottaiyur 400KV SS - Kadapperi 230KV SS (SC on DC)	40		2006-07	Work yet to be taken up (By turnkey).
9	Melakkottaiyur 400KV SS-Acharappakkam 230KV SS (SC on DC)	80	Length ?	2005-06	Survey works to be completed
10	LILO of Unjanai- Pugalur at Puthansanthai	35.7	-	Apr-06	Charged on 29.03.2006
11	LILO of 230 KV SP Koil-Tharamani -I at Melakkottaiyur 400 KV SS	20	-	2006-07	Deferred for the present
12	LILO of 230 KV SP Koil-Tharamani-II at Melakkottaiyur 400 KV SS	20	-	2006-07	Profiles approved
13	DC line from Arasur SS- Palladam SS	40	-	2006-07	Survey works under progress
14	Changing of conductor in Sriperumbudur-Korattur line (Improvement)	20.27	4.5	2005-06	A portion of the work has been completed
15	S.P.Koil-Tharamani DC line on Perambakkam-Tharamani portion	81.5	43	2005-06	Towers erected. Work under progress.
16	Provision of 230 KV lines to LILO Neyveli TS-II to Neveli Zero unit to transfer Cuddalore SS load	28		2005-06	Works under progress
17	LILO of TTPS-SR Pudur 230 KV line at Kudankulam APP site (Start up power)	20.72		May,2006	Line energised on 1.08.06

18	LILO of Myvadi-Pugalur feeder at Palladam SS	100	-	2006-07	Survey work under progress
19	Erection of DC line on DC towers from Alamathy SS to Manali 230 KV SS with Zebra conductor	50	6	Mar-06	
20	230 kV SC line on SC towers from Vinnamangalam S/S to Thiruvalem 230 kV SS with Zebra conductor	88		Mar-06	Profiles approved
21	Erection of 230 kV SC link line on DC towers with Zebra conductor from the existing Deviakkurichi 230 KV SS to 230 kV Pudhanchandai SS	100		2006-07	Tender under finalisation.
22	Replacement of old KUNDAH conductor in 230 kV Singarapet-Salem feeder from location 105 to 300 with Zebra conductor	60			Deferred for the present
23	LILO of 230 kV Thiruvarur-Karaikkudi line at Karambayam SS	10		2006-07	Yet to be taken up
24	Kayathar-Sankaneri 230/33 Kv SS	178	178	2005-06	Work under progress
25	Pugalur -Chekkanoorani 230 kV line at the prop. Renganathapuram s/s	24	7	2006-07	Works under progress
26	Errection of 230 kV DC line on DC towers from Myvadi S/S to the prop. Ponnapuram 230 kV S/S	38		2005-06	63 stubs completed & 50 towers erected. Land owner objection in loc. 8
27	Errection of 230 kV SC link line on DC towers from 230 kV Myvadi S/S 230 kV S/S at Othakalmandapam	58		2005-06	To be taken up
28	Errection of 230 kV SC line on DC towers from Neyveli Zero Unit to the Propd Ulundurpet 230 kV S/S	25		2006-07	To be taken up
29	Errection of 230 kV SC line from Villupuram 230 kV S/S to the Propd. Ulundurpet 230 kV S/S	52		2006-07	To be taken up
30	LILO of one of the ckts of the sactioned 230 kV Kayathar 230/33 kV S/S Sankneri DC line at the Tirunelveli 400 kV S/S	80		2006-07	Survey commenced
31	Tirunelveli 400 kV S/S-Veeranam (SC)				
32	Valathur- Paramkudi	50		2006-07	Profile submitted
33	LILO of 230 kV Alagarkoil (North Madurai)-karakkudi 230 kV at the propd. 230 kV Valathur S/S	210		2006-07	Works under progress
34	LILO of 230 KV SP Koil-Tharamani -at Siruseri SS	20	20	2005-06	Works under progress
35	LILO of 230 KV TTPS-Paramakudiat DC line at Tuticorin SIPCOT SS	0.75		2006-07	Line energised on 25.06.06
36	MTPS and MALCO SS to a common point	100		2006-07	Tender under finalisation.
37	Gobi to a common point from a new line between Mettur and Gobi	40		2006-07	Tender under finalisation.
38	230 kV DC line- Malumichampatty - Common Point	81.2		2006-07	Works under progress
39	230 kV DC line- Common Point - Myvadi Swt. Stn.	17		2006-07	Works under progress

Puducherry

230 KV LINES

1	LILO of Villianur-Bahour at Ramanathapuram 400 kv S/S	34		Mar-08	Preliminary survey under progress
2	Ramanathapuram-Thondamanatham	16		Dec-08	Preliminary survey under progress

14. दक्षिण क्षेत्र में 400 एवं 220/230 कि वो नये उप केंद्रों के निर्माण कार्य की प्रगति की समीक्षा

REVIEW OF PROGRESS OF WORKS ON NEW 400 KV & 230/220 KV SUBSTATIONS UNDER STATE SECTOR IN SR

Sl. No.	Name	Voltage Ratio (KV)	Capacity (MVA)	Date of Investment Decision	Target date for completion	Remarks
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ANDHRA PRADESH

400 KV

1	Gajwel	400/220	2x315		Dec-07	Contract awarded. Work yet to commence
2	Ditchipally	400/220	2x315		Mar-07	Works in progress
3	Chittoor	400/220	1x315		2005-06	Works in progress
4	Nellore	400/220	2x315		2005-06	1st ICT Commissioned on 18.12.2005
5	Narasaraopeta	400/220	2x315		Dec-07	Investment approval from APERC is received Bid evaluation under progress
6	Yeddumailaram	400/220	2x315		Oct-08	Investment approval from APERC is awaited. Bid evaluation under progress
7	Malkaram	400/220	2x315		Dec-08	Investment approval from APERC is awaited. Bid evaluation under progress

220 KV

1	Bhimavaram	220/132	2x100		Jan-07	Work completed
2	Gudivada	220/132	2x100			In service on 20.03.2005 and put into commercial operation on 30.03.2005
3	Vemagiri	220/132	-		2005-06	Commissioned with 4 bays on 06.12.2002. Balance 4 bays also completed
4	Bhongir	220/132	2x100			1 st T/F commissioned on 30.03.2000. 2 nd T/F to be erected.
5	220kV features at existing 132/33 kV S/S Shamshabad	220/132/33	1x100		2005-06	Charged on 21-7-05. Control room works under progress
6	Tekkali	220/132	1x100		Mar-07	Works under progress
7	Kamavarapukota	220/132	2x100		Mar-07	Works are in progress.
8	HIAL	220/132	2x20		Jan-07	Works are in progress.
9	Brandix	220/132	1x100+		Jan-07	Works are in progress.
	Kamareddy		4x50 2x100		Nov-07	Site clearing under progress
10	Shadnagar		1x100+1x 31.5		May-07	Works are in progress.
11	Kalyandurg		1x100		Dec-06	Works are in progress.
12	Kondamallapalli		1x100		Dec-06	Works are in progress.

KARNATAKA

400 KV

1	Talaguppa (3rd Transformer)	400/220	1x315		Aug-05	Work under progress
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220 KV

Bangalore Zone

1	Nagarbhavi with link lines	220/66	2x100	Jan. 2002	Sep-07	Fresh tenders to be invited
2	Devanahalli International Airport (Begur)	220/66	2X100	-	Jun-06	1x100 MVA transformer commissioned on 25-11-06
3	Naganathapura	220/66	2X100	-	Mar-07	DPR approved. To be tendered
4	Hoskote (Pillaguppa) with link lines	220/66	2x100	-	Mar-07	Tenders floated
5	Tallak	220/66	2x100	-	Jun-07	Yard leveling work started
6	HAL	220/66	2x100	-	Aug-06	Work under progresss
7	SDSTA & RICD (Nimhans)	220/66	2x150	-	Sep-07	LOI issued. Work yet to be taken up
8	'A' Station compound	220/66	2x150	-	Jun-06	Work under progress
9	Nittur: Est 2x100 MVA 220/110/11 kV station at Nittur	220/110/11	2x110		Mar-06	Work completed. One 100 MVA transformer commd. on 13-9-06 & second transformer on 6-10-06
10	Vrishabhavathi valley	220/66	2x100		Feb-07	Tenders floated
11	Yelahaka(Arakavathi L/o)	220/66	2X100		Feb-07	DPR under preparation
12	Replacement 2x100 MVA by 2x150 MVA Tr. 220/66 kV at NRS	220/66	2x100		Feb-06	Work awarded
13	2x100 MVA by 2x100MVA STN with astd lines at HBR Layout		2x100		Mar-08	TAC approved. DPR under preparation
14	2x100MVA 220KV s/s at Dobaspet		2x100		Mar-08	Tenders floated
15	2x100 MVA 220/66 KV/s/s at Hoskote		2x100		Feb-08	Land acquired and fenced.
16	Kanakapura S/S with 220 KV LILO line associated with 66 kV line	220/66	1x100		Feb-07	Yard leveling work started
17	Bidadi(Addl) Transformer	220/66	1x100		Feb-07	DPR under preparation
18	East division compound	220/66	2x150		Mar-07	Demolition of existing building under progress
19	Establishing S/S GIS with 220kV DC/UGC line from HAL	220/66			Mar-07	Work under progress
20	HSR Layout	220/66	2x150		March, 07	Works retendered
21	Replacing of 2x100 MVA by 2x150 MVA Transformer at NRS				Feb-06	One 150 MVA transformer commissioned on 18.8.06
22	Subramanyapura replacing of 2x100 MVA by 2x150 MVA Transformer		2x150		March, 07	1x100 MVA transformer commissioned on 28-1-07

Hassan Zone						
1	Shiralkoppa in Shimoga District	220/110/11	2x100	-	Jan-07	LOI issued. Yard levelling Work started
2	Kemar: 2nd transformer	220/110	1x100 (Addl)	-	Dec-06	Transformer test charged on 30.11.06
3	C.R.Patna (Yachanahalli)	220/66	2x100	-	Mar-07	Work under progress.
4	Bykampady	220/110	2X100	-	Mar-07	TAC approved
5	Puttur (Netlamandur)	220/110	2x100	-	2005-06	Work completed. Ready for commissioning
6	Kadavinakote(HN Pura)	220/66	2x100	-	Sept. 07	Work under progress
Mysore Zone						
1	K.R.Pet	220/66	2X100	-	Jun-07	DWA issued. Yard levelling under progress
2	Kushalanagar	220/66	2x100	-	Jun-07	Work under progress
3	Vajamangala	220/66	2x100	-	Dec-07	TAC approved. DPR under preparation
Bagalkot Zone						
1	Bidnal	220/110	1x100		Jan-07	Work under progress
2	Sirsi	220/110	1x50		Aug-06	Work under progress
3	Haveri(Addl.)	220/110	1x100		Mar-06	Commissioned
4	Narendra	220			2005-06	Work under progress
5	Haveri	220			Dec-05	Work under progress
Gulbarga Zone						
1	Shahapur	220/110	2x100	-	Mar-07	Work under progress
2	Sindhanur	220/110	2x100	-	Oct-06	LOI issued
3	Itagi: 2nd transformer (Addl)	220/66	1x100	-	Mar-06	Commissioned on 11.10 .06
4	Bijapur	220/110			Aug-07	Yard leveling and earth mat work started
5	Indi	220/110			Aug-07	Yard leveling and earth mat work started
6	Athani	220/110	2x100	-	Aug-07	Yard leveling and earth mat work started

KERALA

220 KV

UPGRADATION

1	Punnapra	220/110	2x100	-	Jun-06	
2	Kundara (REC)	220/110	(2x100+3x12.5)	-	2005-06	Work under progress
3	Kalamassery (Enhancement of transformer capacities)	220/110	(2x100+2x120) to 4x200	-		1st, 2nd & 3rd Transformers : already commissioned. 4th Transformer : Work not started.
4	Edappon (REC)	220/110	2x100	-	Jun-06	Work under progress

5	Shoranur	220/110	2x100	-		Works completed
6	Thaliparamba	220/110	2x100	-	2005-06	Work under progress
7	Vadakara	220/110	2x100	-	Mar-06	
8	Kattakkada	220/110	2x100	-	Jun-06	
9	Nallalam(Existing)	220/110	(2x100+1x60) to (2x100+2x60)			Works completed
10	Malaparamba	220/110	2x100 + 2x12.5		2005-06	Work under progress
11	Pothoncode (Bay extn.)	220/110	4 bays			Work under progress
12	Muvattupuzha				March 07	Decision reg the scheme is finalisd
13	Ext. of Edamon substation				March 07	Work not started

TAMIL NADU

400 KV

1	Alamathy	400/230-110	1x200	-	March '06	Commissioned on 20-8-06
2	Melakkottaiyur	400/230	2x315 (6x105)		2006-07	Work executed by PGCIL

230 KV

1	Pudanchandai	230/110	2x100	-	March, 06	Commissioned on 28.04.2006
2	Palladam	230/110	2x100		2006-07	Site handed over.Jungle clearance under progress
3	Tharamani (Addl.)	230/110	1x100		2006-07	Work to be taken up
4	Gummidipoondi (Addl.)	230/110	1x100		2006-07	Work to be taken up
5	Manali (Addl.)	230/110	1x100		Mar-06	Work to be taken up
6	Sankaneri (Addl.)	230/110	1x100		Mar-06	Work commenced
7	Thudiyalur (Addl.)	230/110	1x100		2006-07	Work to be taken up
8	Karambayam	230/110	2x100		2006-07	Work to be taken up
9	Siruseri	230/110	2x100		2006-07	Work under progress
10	Valathur	230/110	3x100		2006-07	Work under progress
11	Karamadai	230/110	2x100		2006-07	Site yet to be handed over
12	Renganathapuram	230/110	2x50		2006-07	Work under progress
13	Udayathur	230/33	2x50		2006-07	Work under progress
14	Basin Bridge(GMR Vasavi)	230/110	4x100		2006-07	Work under progress
15	Ulundurpet	230/110	2x100		2006-07	Work to be taken up
16	Oragadam	230/110			2006-07	Work under progress
17	Chithode	230/110	1x100		2006-07	Work to be taken up
18	Ponnapuram	230/110	2x100		2006-07	Work under progress

Puducherry

230 KV

1	Thondamanatham	230/110	2x100		Dec-08	Preliminary survey under progress
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15. दक्षिण क्षेत्र में पावर ग्रिड की केंद्रीय पारेषण योजनाओं के निर्माण कार्य की प्रगति की समीक्षा
REVIEW OF PROGRESS OF WORKS OF POWERGRID EXECUTED CENTRAL TRANSMISSION SCHEMES

Sl. No.	Name of the Transmission Line	Date of investment decision by Planning Commission	Length in Circuit Kms.	Stringing completed in circuit Kms.	Target date of completion	Remarks in respect of target dates as per OCC
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A GENERATION EVACUATION SCHEME

1 Kaiga APP Stage-II Additional Transmission System

1.1	Narendra-Davanagere (D/C)	Mar-05	300		Sep-07	Awarded on 30.11.2005. Stringing commenced.
1.2	Nelamangala-Mysore (DC)	Aug. 2003	266	266	Mar-06	Commercial operation w.e.f 1-5-2006
1.3	Mysore-Kozhikode (D/C)	Mar-05	384		Dec-07	Awarded in December 2005
1.4	LIL0 (1xD/C) of 400 KV Kolar-Sriperumbudur line at Melakottaiyur	-Do-	36		Dec-07	Awarded in May 2006. Work under progress
1.5	New 400/220 KV, 2x315 MVA sub-stations at Mysore	-Do-			Apr-06	Substation along with ICT1 commissioned on 26-4-2006. ICT2 Commissioned on 30-4-2006. Under commercial operation w.e.f. 1-05-06
1.6	Ext. of Mysore substation				Dec-07	Award placed in January 06. Work in progress
1.7	New 400/220 KV, 2x315 MVA sub-stations at Kozhikode	-Do-			Dec-07	Civil work under progress
1.8	New 400/220 KV, 2x315 MVA sub-stations at Melakottaiyur	-Do-			Dec., 07	Civil work under progress
1.90	Second 400/220 KV, 315 MVA transformer at Hiriyur	-Do-			Dec., 07	Civil work under progress
1.10	Sub-station extension for line bays at Narendra	-Do-			Sep-07	Award placed in Dec., 05. Work in progress
1.11	Sub-station extension for line bays at Davanagere(KPTCL)	-Do-			Sep-07	Award placed in Dec., 05. Civil work in progress
1.12	Sub-station extension for line bays at Nelamangala(400 kV)	-Do-			Apr-06	Line bays commissioned on 26-4-2006.
1.13	Bay Extn. Of Mysore S/S(400 kV)				Dec-07	Engineering work in progress
1.14	Bay Extn. Of Hiriyur S/S(400 kV)				Feb-08	Work under progress

2 Neyveli TS-II Expansion (2x250 MW) Transmission System

2.1	Neyveli TS-II Expansion - Neyveli TS-II (2xS/C)	Jan-05	6		Dec-07	Work under progress
2.2	Neyveli TS-II Expansion-Pugalur (D/C)	-Do-	366		Dec-07	Award placed. Work under progress

2.3	Pugalur-Madurai (D/C)	-Do-	246		Dec-07	Tower erection work commenced from Oct- 06. Work under progress
2.4	Udumalpet-Arasur (D/C)	-Do-	132		Dec-07	Award placed. Work under progress
2.5	LILO (1xD/C) of Neyveli-Sriperumbudur 400 KV S/C line at Pondicherry	-Do-	30		Dec-07	Award placed. Work under progress
2.6	LILO (1xD/C) of Ramagundam-Khammam 400 KV S/C line at Warangal	-Do-	36		Dec-07	Award placed.
2.7	New 400/220 KV, 2x315 MVA sub-station at Pugalur	-Do-			Dec-07	Award placed in February 06. Work under progress
2.8	New 400/220 KV, 2x315 MVA sub-station at Arasur	-Do-			Dec-07	Award placed in March 06. Work under progress
2.9	New 400/220 KV, 2x315 MVA sub-station at Pondicherry	-Do-			Dec-07	Award placed in March 06. Work under progress.
2.10	New 400/220 KV, 2x315 MVA sub-station at Warangal	-Do-			Dec-07	Award placed in March 06. Engg. in progress
2.11	Sub-station Extension for line bays at Madurai	-Do-			Dec-07	Award placed in February 06. Work under progress
2.12	Sub-station Extension for line bays at Neyveli TS-II	-Do-			Dec-07	
2.13	Sub-station Extension for line bays at Udumalpet	-Do-			Dec-07	Award placed in March 06. Work under progress.

3 Kudankulam APP (2000 MW) Transmission System

3.1	KAPP-Tirunelveli 400 KV Quad D/C line-1	25.05.2005	158.39		May-07	Work in progress
3.2	KAPP-Tirunelveli 400 KV Quad D/C line-2	25.05.2005	144		Dec-07	Work in progress
3.3	LILO of both circuits of Madurai-Thiruvananthapuram (D/C) at Tirunelveli (2xD/C LILO lines)	25.05.2005	211.5		May-07	Award placed in December 2005. Work in progress
3.4	Tirunelveli-Udumalpet (D/C)	25.05.2005	530.86		Dec-07	Tower erection commenced from Oct-06. work under progress
3.5	Tirunelveli-Edamon (D/C)	25.05.2005	161.74		Nov-08	Work awarded in March 06. Work under progress.
3.6	Edamon-Moovattupuzha(East Cochin) Quad DC	25.05.2005	295.07		Nov-08	Under tendering process
3.7	Moovattupuzha(East Cochin) - North Trichur, Quad DC line	25.05.2005	154.96		Nov-08	Under tendering process
3.8	New 400/220 KV, 2x315 MVA sub-station at Tirunelveli	-Do-			May-07	Award placed in Nov 05. Work in progress
3.9	New 400/220 KV, 2x315 MVA sub-station at Cochin (Muvattapuzha)	-Do-			Nov-08	Awarded. Work under progress
3.10	3rd 400/220 KV, 1x315 MVA transformer at Thiruvananthapuram S/S	-Do-			Nov-08	Awarded. Work under progress
3.11	Ext. o f 400/220 kV North Trichur(PG) subsation	-Do-			Nov-08	Work under progress
3.12	Addl. 400/220 KV, 1x315 MVA transformer at Udumalpet S/S	-Do-			May-07	Awarded. Work under progress

B REGIONAL SYSTEM STRENGTHENING SCHEME

1 SR Strengthening Scheme (III&IV)

1.1	Raichur-Gooty 400 kV (D/C)		294		Apr - 07	Stringing commenced
1.2	LILO of both circuits of 400 KV Nellore-SPBudur D/C line at Alamathi Nellore-Almathi I&II, Almathi-Sriperambdur I&II					Commissioned on 24-5-006 and on 25.5.06
1.3	Nelamangala-Somanahalli (D/C)	Oct'04	84		Sept., 2007	Line commissioned on 31-12-2006
1.4	2nd 315 MVA Transformer at 400/220 KV sub-station of Cuddapah				June-07	Civil work in progress.
1.5	2nd 315 MVA Transformer at 400/220 KV sub-station of Khammam				June-07	
1.6	2nd 315 MVA Transformer at 400/220 KV sub-station of Gooty				April 07	Civil work in progress.
1.7	Ext. 400 kV substation at Raichur				April 07	Civil work in progress.
1.8	Ext. of 400 kv substation at Nelamangala				Jul-07	Commissioned in Dec-2006
1.9	2nd 315 MVA Transformer at 400/220 KV sub-station of Vizag				June-07	
1.10	1x167 MVA Transformer at 400/220 KV sub-station of Munirabad				June-07	
1.11	2nd 315 MVA Transformer at 400/220 KV sub-station of Kolar				June-07	27 months from date of first LOA.
1.12	Extn. Of Somanahalli S/S				Jul-07	Commissioned in Dec-06
1.13	Provision of 80 MVAR Bus Reactor at Nellore S/S				July-07	Civil work in progress.
1.14	Extn. Of Almathi S/S(400 kV)				Feb-07	Commissioned in May-2006.

2 Regional System Strengthening Scheme V

2.1	LILO of one circuit of Madurai-Trichy (D/C) at Karaikudi	31.05.2005	120		May, 08	Award placed in Oct-06
2.2	LILO of one circuit of Talaguppa-Nelamangala (D/C) at Hassan	-Do-	160		May, 08	Awarded. Work under progress
2.3	New 400/220 KV, 2x315 MVA sub-station at Hassan	-Do-			May-08	Award under progress.
2.4	New 400/220 kV, 2x315 MVA S/S at Karaikudi				May-08	Award under progress.
2.5	Ext. of 400 kv substation at Gooty 1x315 MVA				Jun-07	Civil work in progress.
2.6	Ext. of 400 kv substation at Nellore 1x80 MVA				Jun-07	Civil work /erection in progress

2.7	Ext. of 400 kv substation at Munirabad 1x315 MVA				Jun-07	Civil work /erection in progress.
2.8	Ext. of 400 kv substation at Kolar 3x167MVA				Jun-07	Civil work /erection in progress.
2.9	Ext. of 400 kv substation at Somanahalli				Jun-07	Civil work /erection in progress.
2.10	Ext. of 400 kv substation at Gajuwaka 1x315 MVA				Jun-07	Engg & civil works under progress
2.11	Ext. of 400 kv substation at Khammam 1x315 MVA				Jun-07	Engg & civil works under progress

3 System Strengthening Scheme VI

3.1	Second 400/220 KV, 315 MVA transformer at Vijayawada				Dec-07	Award placed in Dec. 05. Engg. in progress
3.2	LILO of one ckt of Vijayawada-Gajuwaka 400 kV D/C line at Vemagiri				Dec-07	Survey under progress

4 System Strengthening Scheme VII

4.1	Karaikudi substation 2x315 MVA				July- 09	Engg in progress
4.2	Hassan substation 2x315 MVA				July- 09	Engg in progress
5	Upgradation of tranfer capacity of Talcher-Kolar HVDC Bipole				April 08	Award placed in April 06. Engg. in progress

ANNEXURE - IA

आंध्र प्रदेश ANDHRA PRADESH

अधिकतम एवं न्यूनतम दैनिक मांग मे वा में

DAILY MAXIMUM AND MINIMUM DEMANDS IN MEGA WATTS

Date	Maximum Demand (Unrestricted) at 50 Hz	Maximum Demand (Restricted) (Actuals)	Minimum Demand (Actuals)	Min/Max (Restricted)	Min/Max (Unrestricted)	Load Factor
	1	2	3	4=3/2	5=3/1	6
1-Jan-07	7257	6825	5472	0.80	0.75	91.53
2-Jan-07	7031	6603	5574	0.87	0.81	92.62
3-Jan-07	7123	6765	5723	0.85	0.80	93.95
4-Jan-07	7204	6881	5531	0.80	0.77	93.49
5-Jan-07	7748	6991	5949	0.85	0.77	93.04
6-Jan-07	7455	7020	5898	0.78	0.73	92.11
7-Jan-07	7834	6953	5476	0.79	0.70	92.38
8-Jan-07	7468	7045	5546	0.79	0.74	91.74
9-Jan-07	7585	7005	5472	0.78	0.72	93.23
10-Jan-07	7852	7186	5762	0.80	0.73	90.72
11-Jan-07	7389	6986	5864	0.84	0.79	92.60
12-Jan-07	8028	7003	5835	0.83	0.73	94.26
13-Jan-07	7855	7252	6083	0.84	0.77	91.04
14-Jan-07	8008	7147	5515	0.77	0.69	90.06
15-Jan-07	7654	7048	5313	0.75	0.69	90.01
16-Jan-07	7428	6766	5525	0.85	0.78	93.27
17-Jan-07	7784	6945	5766	0.83	0.74	92.11
18-Jan-07	7618	7148	5613	0.79	0.74	92.59
19-Jan-07	7674	7181	5793	0.81	0.75	92.28
20-Jan-07	8461	7332	6126	0.84	0.72	90.28
21-Jan-07	8127	7207	5608	0.78	0.69	90.50
22-Jan-07	7940	7120	5740	0.81	0.72	92.84
23-Jan-07	7984	7171	5814	0.81	0.73	93.68
24-Jan-07	8394	7196	5774	0.80	0.69	94.96
25-Jan-07	7868	7378	5879	0.80	0.75	92.20
26-Jan-07	8509	7520	5786	0.75	0.66	88.85
27-Jan-07	8143	7193	5617	0.78	0.69	93.03
28-Jan-07	8610	7379	5508	0.75	0.64	90.05
29-Jan-07	8390	7178	6177	0.86	0.74	93.95
30-Jan-07	8390	7426	5564	0.75	0.66	90.87
31-Jan-07	8435	7367	5478	0.74	0.65	92.51
Minimum			5313	0.74	0.64	88.85
Maximum	8610	7520		0.87	0.81	94.96
Average				0.80	0.73	92.14

Demands are Ex-bus

ANNEXURE - I B

कर्नाटक KARNATAKA

अधिकतम एवं न्यूनतम दैनिक मांग मे वा में

DAILY MAXIMUM AND MINIMUM DEMANDS IN MEGA WATTS

Date	Maximum Demand (Unrestricted) at 50 Hz	Maximum Demand (Restricted) (Actuals)	Minimum Demand (Actuals)	Min/Max (Restricted)	Min/Max (Unrestricted)	Load Factor
	1	2	3	4=3/2	5=3/1	6
1-Jan-07	5833	5298	3880	0.73	0.67	88.84
2-Jan-07	5632	5492	3904	0.74	0.72	88.66
3-Jan-07	5649	5619	4073	0.72	0.72	86.78
4-Jan-07	5803	5472	4028	0.74	0.69	89.51
5-Jan-07	5789	5516	4023	0.73	0.69	89.08
6-Jan-07	5661	5385	3830	0.71	0.68	88.44
7-Jan-07	5548	5385	3891	0.72	0.70	87.84
8-Jan-07	5634	5511	3656	0.66	0.65	86.69
9-Jan-07	5930	5529	3860	0.70	0.65	89.26
10-Jan-07	5703	5579	3812	0.68	0.67	87.08
11-Jan-07	5747	5611	3948	0.70	0.69	87.73
12-Jan-07	5706	5579	4035	0.69	0.68	88.49
13-Jan-07	5725	5560	3863	0.69	0.67	87.40
14-Jan-07	5825	5466	3753	0.69	0.64	84.69
15-Jan-07	6006	5417	3789	0.70	0.63	85.89
16-Jan-07	6078	5396	3695	0.68	0.61	89.78
17-Jan-07	5781	5640	4003	0.71	0.69	88.73
18-Jan-07	5628	5520	3827	0.69	0.68	87.31
19-Jan-07	5672	5563	3899	0.70	0.69	89.11
20-Jan-07	5578	5312	3947	0.74	0.71	89.78
21-Jan-07	6300	5183	3606	0.70	0.57	87.99
22-Jan-07	6202	5375	3556	0.72	0.63	90.74
23-Jan-07	5901	5320	3883	0.73	0.66	89.97
24-Jan-07	5708	5578	4051	0.73	0.71	88.71
25-Jan-07	5729	5474	4094	0.75	0.71	89.39
26-Jan-07	5709	5566	3919	0.70	0.69	88.51
27-Jan-07	5611	5488	3873	0.71	0.69	89.75
28-Jan-07	5273	5183	3759	0.73	0.71	89.41
29-Jan-07	5736	5609	3868	0.69	0.67	88.77
30-Jan-07	6111	5538	4317	0.78	0.71	90.67
31-Jan-07	6071	5249	4182	0.80	0.69	93.02
Minimum			3556	0.66	0.57	84.69
Maximum	6300	5640		0.80	0.72	93.02
Average				0.71	0.68	88.65

केरल KERALA

अधिकतम एवं न्यूनतम दैनिक मांग मे वा में

DAILY MAXIMUM AND MINIMUM DEMANDS IN MEGA WATTS

Date	Maximum Demand (Unrestricted) at 50 Hz	Maximum Demand (Restricted) (Actuals)	Minimum Demand (Actuals)	Min/Max (Restricted)	Min/Max (Unrestricted)	Load Factor
	1	2	3	4=3/2	5=3/1	6
1-Jan-07	2683	2602	1160	0.45	0.43	64.55
2-Jan-07	2643	2562	1230	0.48	0.47	66.14
3-Jan-07	2745	2664	1232	0.46	0.45	64.39
4-Jan-07	2688	2606	1252	0.48	0.47	64.85
5-Jan-07	2624	2543	1225	0.48	0.47	66.38
6-Jan-07	2666	2585	1209	0.47	0.45	65.83
7-Jan-07	2513	2432	1224	0.50	0.49	63.43
8-Jan-07	2670	2589	1169	0.45	0.44	64.31
9-Jan-07	2680	2599	1246	0.48	0.46	65.41
10-Jan-07	2678	2597	1233	0.47	0.46	66.90
11-Jan-07	2642	2561	1330	0.52	0.50	68.67
12-Jan-07	2685	2604	1348	0.52	0.50	68.39
13-Jan-07	2675	2594	1340	0.52	0.50	67.03
14-Jan-07	2525	2444	1270	0.51	0.50	65.30
15-Jan-07	2677	2595	1255	0.48	0.47	66.92
16-Jan-07	2681	2600	1286	0.49	0.48	67.76
17-Jan-07	2590	2509	1358	0.54	0.52	69.38
18-Jan-07	2646	2565	1279	0.50	0.48	67.53
19-Jan-07	2710	2628	1302	0.50	0.46	65.46
20-Jan-07	2472	2391	1237	0.52	0.50	70.53
21-Jan-07	2494	2413	1273	0.53	0.51	65.09
22-Jan-07	2538	2457	1222	0.50	0.48	68.01
23-Jan-07	2672	2590	1278	0.49	0.48	66.10
24-Jan-07	2528	2447	1257	0.51	0.50	68.86
25-Jan-07	2570	2489	1220	0.49	0.47	67.51
26-Jan-07	2596	2514	1235	0.49	0.48	65.18
27-Jan-07	2532	2450	1266	0.52	0.50	69.27
28-Jan-07	2477	2396	1252	0.52	0.51	65.65
29-Jan-07	2569	2488	1285	0.52	0.52	69.31
30-Jan-07	2527	2446	1348	0.55	0.53	65.77
31-Jan-07	2694	2613	1373	0.53	0.51	68.05
Minimum			1160	0.45	0.43	63.43
Maximum	2745	2664		0.55	0.53	70.53
Average				0.50	0.48	66.71

ANNEXURE - ID

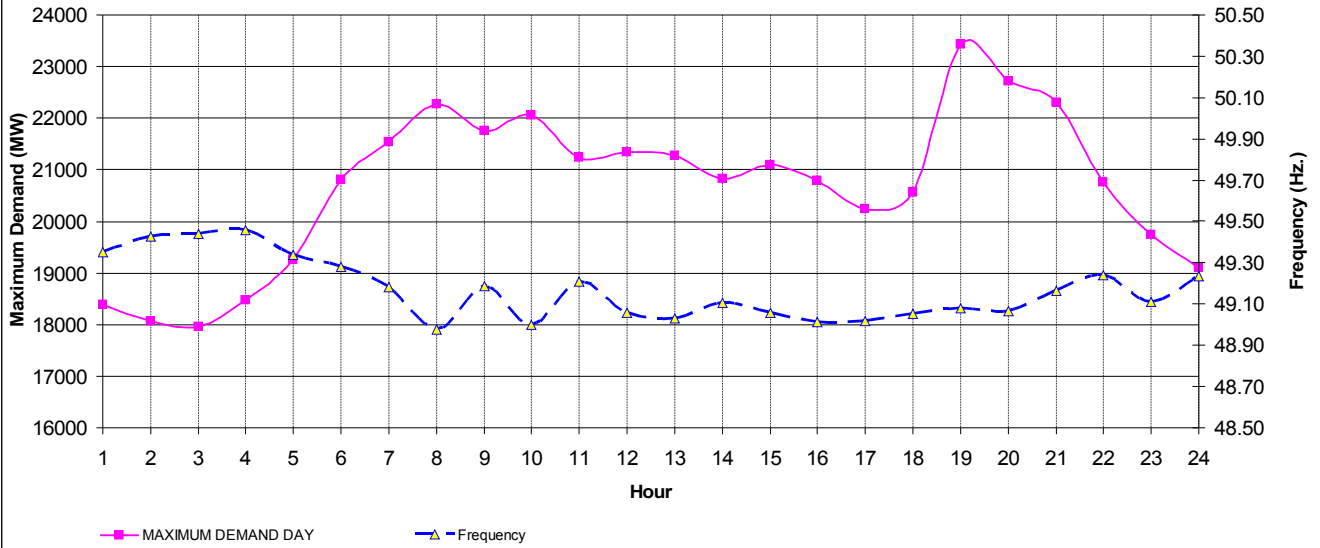
तमिल नाडु TAMIL NADU

अधिकतम एवं न्यूनतम दैनिक मांग मे वा में

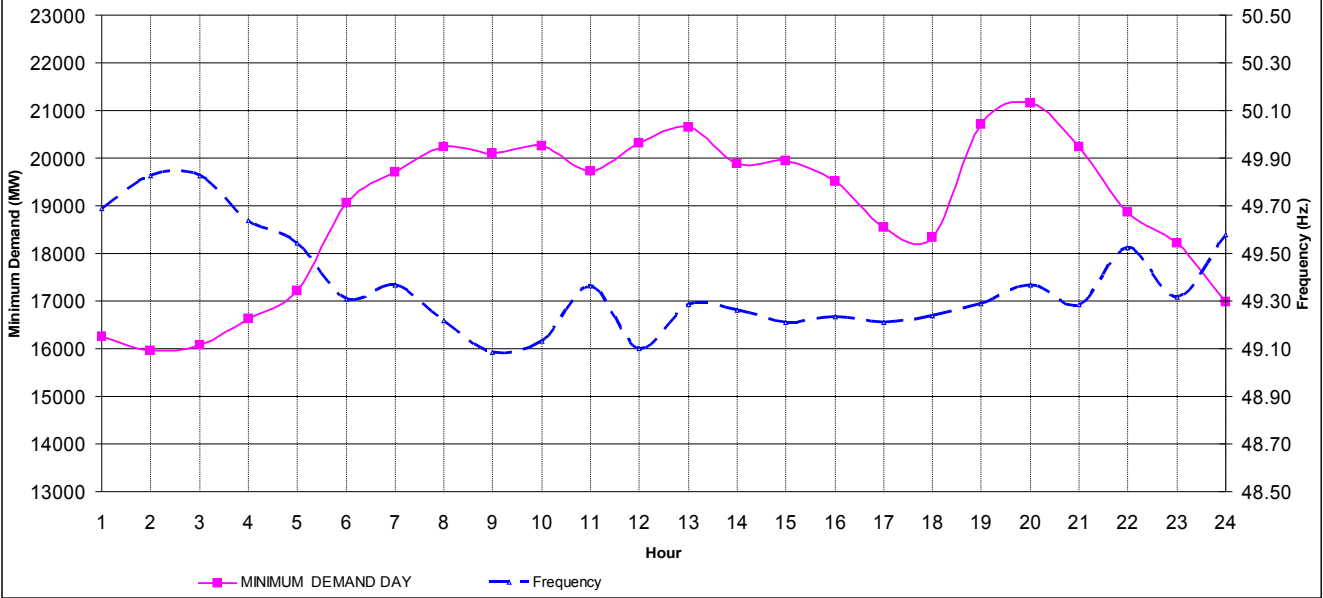
DAILY MAXIMUM AND MINIMUM DEMANDS IN MEGA WATTS

Date	Maximum Demand (Unrestricted) at 50 Hz	Maximum Demand (Restricted) (Actuals)	Minimum Demand (Actuals)	Min/Max (Restricted)	Min/Max (Unrestricted)	Load Factor
	1	2	3	4=3/2	5=3/1	6
1-Jan-07	7804	7552	5063	0.67	0.65	86.46
2-Jan-07	8251	7958	5201	0.65	0.63	83.95
3-Jan-07	8180	7891	5552	0.70	0.68	84.84
4-Jan-07	8070	7768	5535	0.71	0.69	86.00
5-Jan-07	8276	8031	5575	0.70	0.68	84.50
6-Jan-07	8413	8124	5635	0.69	0.67	82.61
7-Jan-07	8047	7694	5546	0.72	0.69	83.26
8-Jan-07	8523	8227	5169	0.63	0.61	80.49
9-Jan-07	8616	8320	5588	0.67	0.65	80.04
10-Jan-07	8604	8273	5704	0.69	0.66	80.38
11-Jan-07	8695	8363	5713	0.68	0.66	81.27
12-Jan-07	8629	8310	5737	0.69	0.66	82.76
13-Jan-07	8302	8046	5555	0.69	0.67	84.88
14-Jan-07	7894	7635	5524	0.72	0.70	83.24
15-Jan-07	7162	6952	4702	0.66	0.64	83.02
16-Jan-07	6756	6629	4592	0.69	0.68	86.04
17-Jan-07	7677	7420	4521	0.61	0.59	80.35
18-Jan-07	8277	7974	5038	0.63	0.61	81.81
19-Jan-07	8619	8309	5492	0.66	0.64	81.51
20-Jan-07	8444	8154	5561	0.68	0.66	78.05
21-Jan-07	7837	7575	5386	0.71	0.69	85.06
22-Jan-07	8531	8277	5417	0.65	0.63	81.30
23-Jan-07	8587	8263	5622	0.68	0.65	81.55
24-Jan-07	8510	8193	5862	0.72	0.69	81.71
25-Jan-07	8701	8393	5775	0.68	0.65	81.84
26-Jan-07	7963	7693	5669	0.74	0.71	85.08
27-Jan-07	8243	8011	5522	0.69	0.67	82.71
28-Jan-07	7524	7284	5326	0.73	0.71	83.24
29-Jan-07	8220	8052	5321	0.66	0.65	78.72
30-Jan-07	8380	8160	5653	0.69	0.67	80.12
31-Jan-07	8429	8172	5704	0.70	0.68	82.36
Minimum			4521	0.61	0.59	78.05
Maximum	8701	8393		0.74	0.71	86.46
Average				0.68	0.66	82.55

LOAD AND FREQUENCY CURVES OF SOUTHERN REGION ON MAXIMUM DEMAND DAY
Maximum Demand: 23434 MW on 11.01.2007



LOAD AND FREQUENCY CURVES OF SOUTHERN REGION ON MINIMUM DEMAND DAY
Minimum Demand: 15968 MW on 16.01.2007



**HOURLY VALUES IN MW FOR SOUTHERN REGION
ON MAXIMUM DEMAND DAY AND MINIMUM DEMAND DAY**

HOURS	MAXIMUM DEMAND DAY	MINIMUM DEMAND DAY
	11-Jan-07	16-Jan-07
	18394	16248
	18058	15968
	17958	16073
	18472	16627
	19269	17216
	20812	19050
	21543	19699
	22268	20234
	21752	20092
	22064	20248
	21235	19725
	21350	20310
	21267	20644
	20828	19882
	21099	19947
	20800	19510
	20236	18551
	20560	18328
	23434	20715
	22724	21147
	22298	20238
	20750	18865
	19734	18212
	19100	16981
MAXIMUM	23434	
MINIMUM		15968

INTRA REGIONAL ENERGY EXCHANGES IN MU USING ISTS

From	January-07								Cum. from April 2006 to Jan-07							
	ANDHRA PRADESH				KARNATAKA				KERALA				TAMIL NADU			
	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery		
ANDHRA PRADESH			0.000	0.000	0.000	0.000	0.000	0.000			0.000	0.000	0.000	0.000	0.000	0.000
KARNATAKA	4.570	4.405			0.000	0.000	0.000	0.000	9.991	9.637			0.000	0.000	22.774	21.832
KERALA	0.000	0.000	0.000	0.000			3.177	3.058	1.763	1.697	0.000	0.000			185.064	177.919
TAMIL NADU	0.000	0.000	0.000	0.000	0.000	0.000			0.000	0.000	0.000	0.000	0.000	0.000		
NTPC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL SOUTHERN REGION	4.570	4.405	0.000	0.000	0.000	0.000	3.177	3.058	11.754	11.334	0.000	0.000	0.000	0.000	207.838	199.751

KERALA	TAMIL NADU	Mutual(TN's share from RGCCPP, Kym)	January-07		Cum. from April 2006 to Jan-07	
			At Seller Periphery	At Buyer Periphery	At Seller Periphery	At Buyer Periphery
			98.290	94.678	333.445	320.680

WHEELED ENERGY THROUGH SR (Scheduled Energy)

FROM	January-07								Cum. from April 2006 to Jan-07			
	ER				NR				WR			
	Seller Periphery	Buyer Periphery	Seller Periphery	Buyer Periphery	Seller Periphery	Buyer Periphery	Seller Periphery	Buyer Periphery	Seller Periphery	Buyer Periphery	Seller Periphery	Buyer Periphery
ER/NER			0.000	0.000	0.000	0.000			119.773	114.641	136.694	130.712
NR	0	0			0	0	0	0				
WR	0	0	0	0			0	0	3.212	3.070		

ACTUAL INTER REGIONAL ENERGY EXCHANGES IN MU

FROM	January-07		Cum. from April 2006 to Jan-07		FROM	January-07		Cum. from April 2006 to Jan-07	
	ER END		ER END			WR END		WR END	
	TO					TO			
	ER	SR	ER	SR		WR	SR	WR	SR
ER		143.948		1008.393	WR		0.399		47.53
SR	4.094		150.812		SR	325.614		3002.289	

ER end = At Gazuwaka East Bus and Talcher Interconnecting Bus

A. अनुसूचित द्विपक्षीय विनिमय SCHEDULED BILATERAL EXCHANGES IN MU

From Utility	To Beneficiary	Trader	Link	Energy in MU	
				At Seller Periphery	At Buyer Periphery
INTRA REGIONAL EXCHANGES					
KER	TN	Mutual(TN's share from RGCCPP, Kym)		98.290	94.678
KER	TN	NVN		3.177	3.058
KAR	AP	JSW		4.570	4.405
INTER REGIONAL EXCHANGES					

EXPORTS

				At Seller Periphery	At Interegional Periphery
AP	MSEDCL	RETL	WR	19.915	19.183
Total(Via WR)				19.915	19.183
Total (AP)				19.915	19.183
KAR	PSEB	JSW	WR	18.784	18.094
KAR	RPPC	JSW	WR	1.343	1.295
KAR	MSEDCL	JSW	WR	62.872	60.560
KAR	GUVNL	JSW	WR	14.277	13.750
KAR	MPPTCL	TATA	WR	11.444	11.023
KAR	MSEDCL	TATA	WR	11.131	10.723
KAR	CSEB	TATA	WR	4.978	4.796
Total(Via WR)				124.829	120.241
Total(KAR)				124.829	120.241
KER	PSEB	NVN	WR	73.148	70.450
KER	DTL	NVN	WR	15.248	14.695
KER	MPPTCL	PTC	WR	71.723	69.086
Total(Via WR)				160.119	154.231
Total(KER)				160.119	154.231
TN	MPPTCL	AEL	WR	35.173	33.879
TN	GUVNL	AEL	WR	1.550	1.492
TN	RPPC	LANCO	WR	0.750	0.723
TN	RPPC	KCT	WR	0.056	0.054
TN	PSEB	LANCO	WR	0.195	0.188
TN	MPPTCL	LANCO	WR	4.020	3.870
TN	PSEB	PTC	WR	4.614	4.442
TN	PSEB	KCT	WR	0.195	0.188
Total(Via WR)				46.553	44.836

TN	RPPC	KCT	ER	23.852	22.969
TN	PSEB	KCT	ER	3.350	3.225
TN	RPPC	LANCO	ER	10.302	9.919
TN	PSEB	PTC	ER	5.021	4.834
TN	PSEB	LANCO	ER	1.625	1.564
TN	RPPC	PTC	ER	2.313	2.227
Total(Via ER)				46.463	44.738
Total(TN)				93.016	89.574
TOTAL SOUTHERN REGION (EXPORT)				397.879	383.229

IMPORT

				At Interegional Periphery	At Buyer Periphery
WBSEB	AP	PTC	ER	58.597	56.444
CESC	AP	RETL	ER	20.767	20.000
Total(AP)				79.364	76.444
TOTAL SOUTHERN REGION(IMPORT)				79.364	76.444
INTER REGIONAL EXPORT USING CHIKKODI KOLHAPUR LINE					
				At Seller Periphery	At Buyer Periphery
KAR(Jindal)	MSEDCL	PTC	Chikkodi-Kolhapur	39.280	37.685

B.पू.क्षे.के.एनटीपीसी.केंद्रों.से.अनुसूचित.अंतर.क्षेत्रीय.विनिमय

SCHEDULED INTER REGIONAL EXCHANGES IN MU FROM NTPC STATIONS IN ER

BENEFICIERY	ENERGY SCHEDULED FROM NTPC STATIONS IN ER			
	FSTPP	KHSTPP	TSTPP	TOTAL
Tamil Nadu	56.662	22.170	25.618	104.450

Goa's share in RSTPS scheduled at Chandrapur South bus for wheeling to Goa is 0.0 MU

Wheeled Energy via SR (Schedule Energy)

From Beneficiary	To Beneficiary	TRADER	Energy in MU	
			At ER Periphery	At WR Periphery
NIL				
TOTAL			0.000	0.000