

:: Tamil Nadu Transmission Corporation Ltd ::

LD1

Report Date : 06/10/11

Day : Thursday

Sl. No.	Details	Total Capacity MW	Available capacity MW	Lighting Peak MW	Minimum Load MW	Morning Peak MW	Consumption MU
	Date Time in Hrs. Frequency in HZ.	Hrs. HZ.	05/10/11	05/10/11 19:10 49.66	06/10/11 1:50 49.69	06/10/11 7:50 49.74	05/10/11
1	TNEB						
a)	Hydro	MW	2191	1100	1094	655	937
	(i) Kadamparai Generation	MW			0	0	4.085
	(ii) others	MW		1100	1094	655	937
b)	Thermal	MW	2970	2200	2165	2080	2240
c)	Gas		516	278	277	244	304
	(i) Basin Bridge GTP.	120		0	2c	2c	0.000
	(ii) Koilkalpal.	108		95	95	90	2.236
	(iii) Vazhudhur.(Stq I & II)	95+92		100	107	80	3.020
	(iv) Kuthalam.	101		83	75	74	1.698
2	Independent Power Plant		1180	812	773	731	775
	(i) GMR.	196		48	48	48	2.853
	(ii) Samalpatti.	105.66		13	13	13	1.339
	(iii) PP Nallur.	330.5		320	320	281	7.550
	(iv) Madurai Power Corp.	106		13	13	13	1.512
	(v) STCMS.	250		250	250	250	6.006
	(vi) ABAN.	120		115	82	80	1.926
	(vii) Penna Electricity Ltd.	71.6		53	47	46	1.106
3	Captive Power Plant (Intra state)		214				
	(i) CPP			80	73	75	79
	(ii) CPP purchase		*574	350	357	366	301
	Non-Conventional Energy Schemes						
	(iii) Co-Gen (336.6 MW) , Biomass 77.8 MW		*749	300	200	200	201
4	i) Wind (TNEB)		*17.55				
	ii) Wind (Private)		*(6067.240)	1050	1007	384	538
5	CGS (TNEB)						
a)	Neyveli TS1 (Relief)		475	420	420	395	385
b)	Capacity Share for TNEB		** 2386				
	(i) NTPC (2600)	659					
	(ii) NlyTS2(1470)	466					
	(iii) NlyTS1 Expansion (420)	226		1700	1942	1357	1493
	(iv) Talcher Sta2 (2000)	498					
	(v) MAPS (440)	330					
	(vi) KAPS (880)	171					
c)	OD(+) / UD (-)			--	-15	109	159
6	External Assistance		125				
	(i) Eastern region power.			0	0	0	0.000
	(ii) RGCCPP (K.Kulam)		180	0	0	0	0.000
	(iii) SWAP Return by TNEB to			0	0	0	0.000
	(iv) Swap Receipt by TNEB from Haryana .			0	0	0	0.000
	(v)			0	0	0	0.000
	(vi) Swap Return by TNEB to WBSEDCL Through						
	(iii) Purchase thro IEX , PXIL &			939	939	1414	1624
	Total TamilNadu Load		10237	9229	9231	8011	9036
7	(i) Kadamparai Pump				-111	-220	-110
	(ii) Export to Pondy				350	193	219
	(iii) Load Shedding				0	0	867
	(iv) HT Relief				683		
8	(i) This day Last Year Thursday (7/10/2010)				9442	7860	8924
	(ii) Load Shedding / HT Relief				0/774	0	741
	(iii) Freq. in HZ.				49.77	50.20	49.85
	Max Consumption	237.950	MU	on	29/06/11		
	Inst. Max Demand	10859	MW	on	19/07/11	19:20 Hrs. at	49.60 HZ
	Yesterday's Sustained Peak	9,905	MW		19:00	Hrs at	49.72 Hz
	Load shedding / HT relief during Sustained peak	0/683	MW				

:: Tamil Nadu Transmission Corporation Ltd ::

LD2

Report Date

06/10/11

Day : Thursday

	Inst. Cap in Tamil Nadu (MW)	Yesterday's Lighting peak in (MW)	Today's Morning peak in (MW)	Target for the month (MU)	Target for the day (MU)	Target till today (MU)	Gen. for the day (MU)	Gen. for the month till today (MU)
Pykara	59	5	4				0.106	0.553
Pushep	150	150	60				2.077	8.326
Moyar	36	24	24				0.466	3.060
Kundah1	60	60	0				1.175	5.464
Kundah2	175	150	150				2.879	12.828
Kundah3	180	150	90				1.508	7.164
Kundah4	100	100	50				0.392	1.859
Kundah5	40	0	40				0.439	1.351
Kundah6	30	0	30				0.241	0.831
Mettur dam	50	27	27				0.658	3.369
Mettur tunnel	200	80	79				1.910	10.294
Lower Mettur	120	71	73				1.728	9.147
B K B 1	30	15	15				0.357	1.661
Periyar	140	62	59				1.521	8.346
Suruliyar	35	20	35				0.283	0.990
Papanasam	32	4	4				0.096	0.781
Servalar	20	0	0				0.000	0.000
Sholayar 1	70	32	32				0.764	3.824
Sholayar 2	25	0	0				0.000	0.000
Alivar	60	60	60				0.932	3.461
Kadamparai	400	0	0				4.085	10.130
Sarkarpathy	30	22	22				0.539	2.694
Kodayar 1	60	40	40				0.954	4.779
Kodayar 2	40	0	22				0.253	1.208
Total Micro	49	22	21				0.508	2.689
Hydro total	2191	1094	937	715	23.065	115.323	23.871	104.809
Ennore TPS	450	0	35	120	3.871	19.355	1.624	9.417
N.Chennai TPS	630	425	430	422	13.613	68.065	10.080	64.710
Tuticorin TPS	1050	925	955	649	20.935	104.677	22.270	107.540
Mettur TPS	840	815	820	562	18.129	90.645	20.015	100.346
Thermal total	2970	2165	2240	1753	56.548	282.742	53.989	282.013
BBGTP	120	20	20	0	0.000	0.000	0.000	0.000
Kovilkalappal	108	95	92	63	2.032	10.161	2.236	11.178
Vazhudur Stage1	95	26	57	56	1.806	9.032	1.439	9.705
Vazhudur Stage2	92	81	78	56	1.806	9.032	1.581	7.499
Kuttalam	101	75	77	56	1.806	9.032	1.698	8.416
Gas total	516	277	304	231	7.452	37.258	6.954	36.798
GMR	196	48	48	129	4.161	20.806	2.853	15.114
Samalpatty PCL	105	13	13	62	2.000	10.000	1.339	5.221
Madurai PCL	106	13	13	62	2.000	10.000	1.512	5.649
ST-CMS	250	250	250	167	5.387	26.935	6.006	25.082
PP.Nallur	331	320	320	221	7.129	35.645	7.550	35.377
ABAN	120	82	85	60	1.935	9.677	1.926	9.516
Penna	71.6	47	46	28	0.903	4.516	1.106	5.528
IPP total	1180	773	775	729	23.516	117.581	22.292	101.487
CPP (Total)	214	73	79	0	0.000	0.000		
Co-Gen (Total)	*610	200	201				14.487	62.657
BioMass (Total) , Solar	*139			218	7.032	35.161		
CPP Purchase	*574	357	301					
Wind Mill (EB+PVT) *6067.240		1007	538	968	31.226	156.129	10.963	87.336
NCES Total	214	1637	1119	1186	38.258	191.290	25.450	149.993
Neyveli TS1	475	420	385	207	6.677	33.387	10.611	53.297
Neyveli TS1 (Exp)		385	200	110	3.548	17.742	9.343	40.390
Neyveli TS2		1030	1034	110	3.548	17.742	23.434	116.027
MAPS		275	280	161	5.194	25.968	6.451	32.188
AP EXP/IMP		1230	1320	427	13.774	68.871	23.313	131.038
Karnataka EXP/IMP		1230	1470	213	6.871	34.355	26.535	127.474
Kerala EXP/IMP		-854	-725	-304	-9.806	-49.032	-17.903	-80.793
Pondv EXP/IMP		-350	-219	-98	-3.161	-15.806	-9.986	-9.986
CGS & Ext Ass		2946	3360	619	23.129	115.645	61.187	356.338
NIY TS2 Mines(E)		-80	-84	0			-1.913	-9.078
Total	10237	9231	9036	6505	209.839	1049.194	208.088	1085.817
LS/ HT Rif		0/683	867	995	32.097	160.484	12.743	73.425
Purchase thro IEX , PXIL &		939	1624	576	18.581	92.903	20.833	153.013
SWAP Return by TNEB to		0	0				0.000	0.000
Kadam. Pump		111	-110				1.015	11.560

Tamil Nadu Share in MW (Today morning peak)

Neyveli TS1 (Exp) 102 Ney TS2 325 MAPS 201

* Total Capacity Excluding Private Wind, Cogen & Bio mass .

:: Tamil Nadu Transmission Corporation Ltd ::

HYDRO DETAILS

LD3

Reporting

Date : 06/10/11

Day : Thursday

Reservoir Name	Full reservoir Storage (MU)	So far Max. Storage 20/11/92 (MU)	Storage This day last year (MU)	Storage 1st of this month (MU)	Storage today (MU)	Inflow today 0600-0600 Hrs in (MU)	Generation 0600-0600 Hrs in (MU)
Pykara	365.01	343.01			297.932	0.941	1.951
Kundah	1,158.09	1,122.09			993.695	2.341	6.187
Nilgiris Group	1,523.10	1,465.10	636.20	1,313.110	1,291.627	3.282	8.138
Parambikulam& Aliyar	256.77	232.13			231.220	1.810	3.783
Periyar	125.78	125.78			29.867	0.222	1.486
Suruliyar	37.95	35.44			23.526	0.270	0.471
Papanasam & Servalar	50.26	50.26			0.194	0.067	0.096
Kodayar	192.49	192.49			83.931	0.233	1.185
Except Nilgris Total	663.25	636.10	455.44	382.248	368.737	2.602	7.022
	2,186.35	2,101.20	1,091.64	1,695.358	1,660.364	5.883	15.160
Mettur	210.20	208.42	61.76	84.420	81.530	2.460	4.639
Total	2,396.55	2,309.62	1,153.40	1,779.778	1,741.894	8.343	19.799

HYDRO GENERATION

This Year	01/04/11 TO 05/10/11	1742.062 MU
Last Year	01/04/10 TO 05/10/10	2459.952 MU

Mettur level :-

Mettur level in Feet	85.34	/ 120 feet	Inflow Cusecs	10983
Nett Storage Mcft.	42468	/ 88452 Mcft	Discharge Cusecs	12000

PWD Demand

Mettur	12000 C/S	Papanasam	200 C/s
Bhavani Sagar	800 C/S	Periyar	Max (705 C/s)
Bhavani Sagar RBC	2300 C/S	Sarkarpathy	1100 C/S

Kadamparai Pumping Details

Total water Pumped (06:00 - 06:00 hrs)

Mcft	M.U
75.960	2.590

Machines outage at 8 AM today.

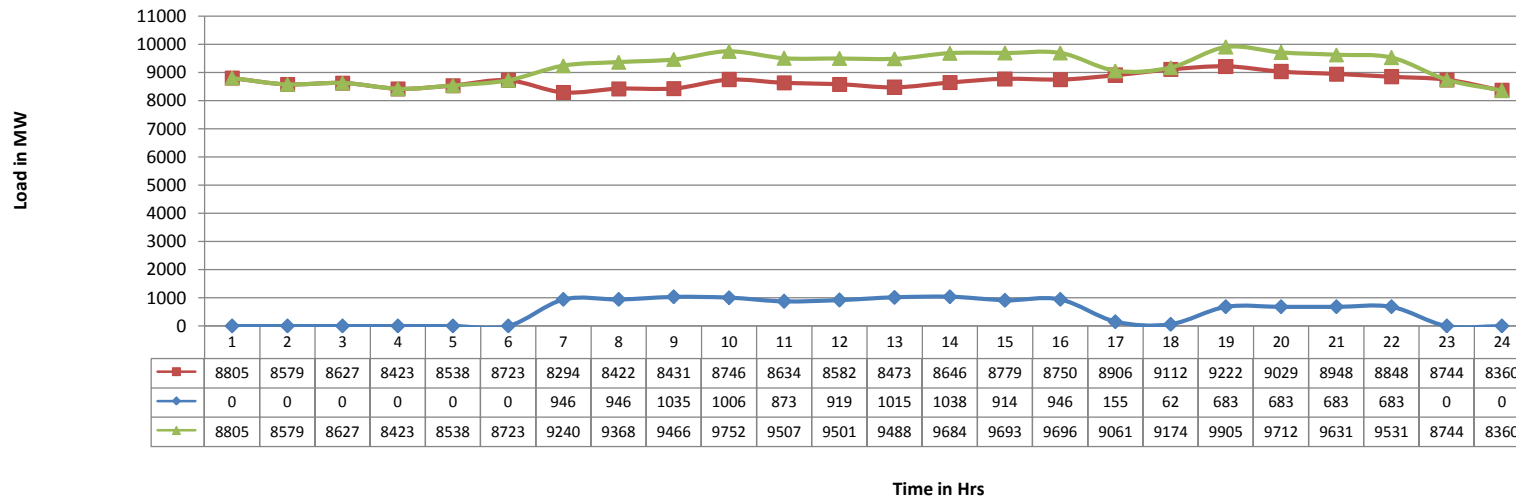
Report Date: 06/10/11				Machines outage at 8 AM today.						
SL No	Station	Units Outage			Duration		Reason	Forced	Committed date by the field	Reschedule
		No	MW	From	days	hh:mm				
HYDRO										
1	Shnlavar PH 1	2	35	17/08/11 05:17	49	02:43	Stator/Rotor earth fault	F	To be assessed	
2	BKR 1	2	15	21/08/11 19:50	45	12:10	Runner Inspection due to	F	To be assessed	
3	Barriange PH I	2	15	02/10/11 14:00	3	18:00	Stator/Rotor earth fault	F	12/10/11	
5	Perivar PH	2	35	14/07/11 12:00	83	20:00	RMI works	P	To be assessed	
THERMAL										
1	ETPS	1	60	05/09/11 07:00	30	01:00	AOH	P	03/11/11	
		5	110	01/10/11 14:31	4	17:29	High chloride	F	To be assessed	
		4	110	05/10/11 17:57	0	14:03	Bus bar protection operated	F	To be assessed	
		3	110	14/07/11 12:32	83	19:28	High chloride	F	To be assessed	
2	NCTPS	2	210	04/10/11 02:53	2	05:07	Debris filter choking	F	06/10/11	
GAS										
1	VZDR I	STG	35	05/10/11 14:42	1	17:18	Anti surge valve problem	F	06/10/11	
IPP										
1	SPCL	DG 3	15	28/09/11 14:46	8	17:14	Vibration high	F	To be assessed	
		DG 2	15	30/09/11 10:54	6	21:06	Cooling water leakage	F	To be assessed	
2	MPCL	DG5	15	30/09/11 01:21	7	06:39	Exhaust gas leak	F	05/10/11	#####
Neyveli TS1										
1	Neyveli TS1	5	50	05/10/11 23:40	1	08:20	AOH	P	06/11/11	
CGS										
1	Talcher Stage II	Unit No. and	TNER							
		4(500)	125	27/09/11 02:24	9	05:36	AOH	P	11/11/11	
2	Kaiga	1(220)	59	03/10/11 00:22	3	07:38	BIENNIAL S/D	P	16/11/11	
3	NTPC / Ramagundam	7(500)	126	30/09/11 14:03	5	17:57	Coal shortane	F	To be assessed	
		3 (210)	53	04/10/11 23:47	1	08:13	Boiler tube leakage	F	07/10/11	
4	NLY TS II	4(210)	69	18/09/11 23:55	17	08:05	AOH	P	19/10/11	
5	NLY TS I Expansion	1(210)	48	06/10/11 01:43	0	06:17	AOH	P	02/11/11	
TOTAL OUTAGE		MW	1274							
FORCED OUTAGE		MW	876							
PLANNED OUTAGE		MW	398							

LD 5
Load Curve

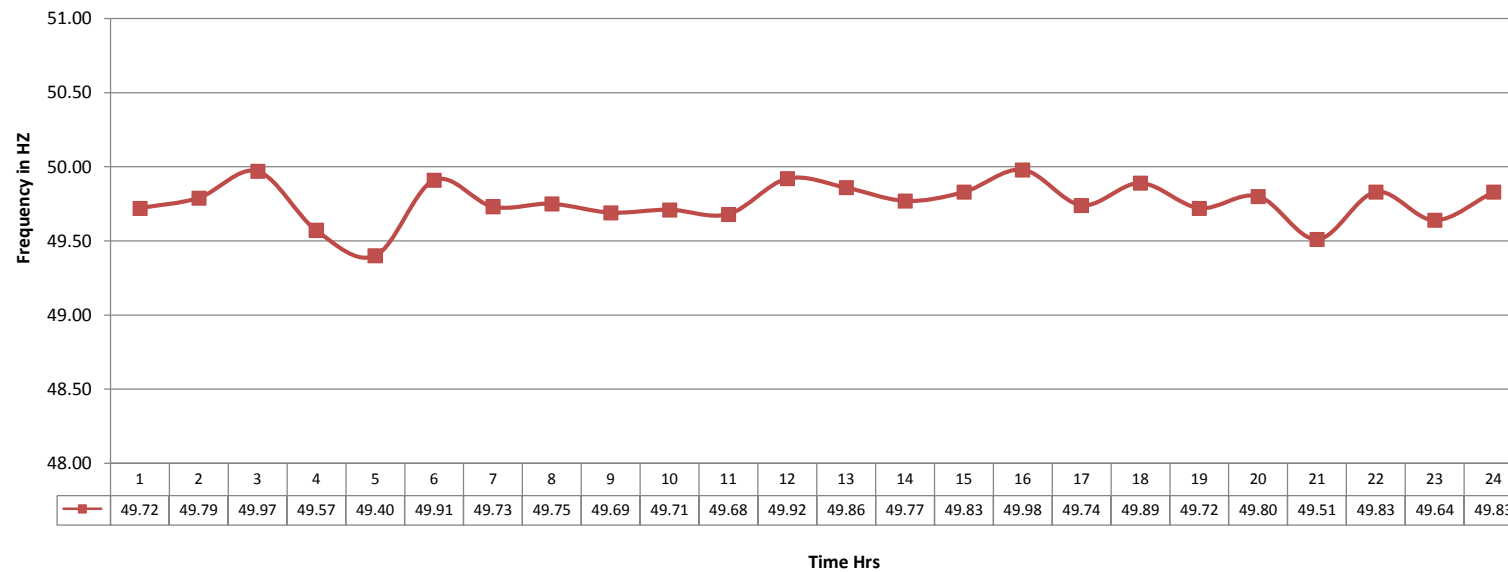
Report Date : 06/10/11
Date : 05/10/11

Thursday
Wednesday

Load Curve



Frequency Curve



1) Performance of Thermal Stations:-

Sl No	Station Name	Capacity		Load During Mor. Peak MW	Energy generated on 05/10/11				Cumulative from 01/04/11	
		Installed Capacity MW	Morning available MW		Maximum possible MU	Actual for the day MU	Req. PLF for the day	Actual PLF for the day	Actual MU	PLF
1	Ennore TPS	450	60	35	10.800	1.624	100.0%	15.04%	444.649	27.85%
2	NCTPS	630	420	430	15.120	10.080	100.0%	66.67%	2082.858	90.01%
3	Tuticorin TPS	1050	1050	955	25.200	22.270	100.0%	88.37%	3350.235	88.42%
4	Mettur TPS	840	840	820	20.160	20.015	100.0%	99.28%	2929.825	91.26%

2) Daily coal stock at thermal stations :-

Sl. No.	Station	Receipt (MT)		Consumption (MT)		Stock in (MT)	No. of Days
		05/10/11	For the month	05/10/11	For the month		
1	Tuticorin TPS IND	9,000	40,800	7,047	41,884	4,418	1.0
	IMP	10,700	53,751	8,554	36,477	12,827	
2	Ennore TPS	3,540	7,198	2,110	12,760	24,275	3.5
3	Mettur TPS IND	0	49,547	7,135	36,681	20,857	5.7
	IMP	0	0	5,334	25,956	58,320	
4	NCTPS ICHS IND	12,000	12,000	3,310	23,617	27,466	5.8
	IMP	0	0	2,560	16,967	36,029	
	Total IND	24,540	109,545	19,602	114,942	77,692	
	IMP	10,700	53,751	16,448	79,400	112,222	
5	NCTPS ECHS IND	18,000	19,500	17,719	28,514	676	
	IMP	0	0	0	0	5,046	

3) Performance of IPPs/Captive plants:-

Sl No	Station Name	Capacity		Load during mor. peak MW	Energy gen. on 05/10/11				Cum. from 01/04/11	
		Installed MW	Availa. MW		Max. possible MU	Actual for the day MU	Req. PLF for the day	Actual PLF of the day	MU	PLF
1	GMR	196	196	48	4.70	2.85	61%	61%	456.56	52%
2	SPCL	106	105	13	2.52	1.34	53%	53%	130.28	27%
3	PPN	330	330	320	7.92	7.55	95%	95%	659.38	44%
4	MPCL	106	105	13	2.52	1.51	60%	60%	126.30	26%
5	ST-CMS	250	250	250	6.00	6.01	100%	100%	990.78	88%
6	ABAN	120	120	85	2.88	1.926	100%	67%	391.50	72%
7	PENNA	71.6	53	46	1.27	1.11	100%	87%	194.55	60%
	Total	1180	1159	775	27.82	22.29	81%	75%	2949.34	53%

4 a) Interstate Share / Drawal in (MU) :-

Sno.	State	Share for the day	Drawal for the day	Excess/deficit		
				For the day	For the month	From 01/04/11
1	Tamil Nadu	60.230	65.910	5.68	3.41	497.00
2	Pondy	6.050	5.190	-0.86	-1.50	-168.03
3	Andhra Pradesh	50.040	51.160	1.12	6.98	441.42
4	Karnataka	25.110	26.640	1.53	5.95	89.46
5	Kerala	19.960	20.970	1.01	4.38	274.19

4 b) Grid Highlights :

Maximum Sustained Demand in MW	Time in Hrs	Frequency in Hz
9,905	19:00	49.72
Maximum Frequency	6:04	50.29
Minimum Frequency	19:08	49.29
Average Frequency		49.67
Rate at Average frequency	in Rs.	4.42

TAMILNADU UI in M.U.	5.68
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Report Date:				Thursday, October 06, 2011			
1a) Power from Eastern Region:- (Special allocation)				05/10/11			
SINo.		From Hrs.	To Hrs.	Firm Power in MW	For the day MU	For the month MU	From 01/04/11 MU
1	Eastern Region	0:00		0.0	0.000	0.000	398.594
1b) TNEB Share of Kayamkulam for the day:-							
SINo.		From Hrs.	To Hrs.	Firm Power in MW	For the day	For the month MU	From 01/04/11
1	Kayamkulam	0:00	24:00	0	0.000	0.000	203.400
1c) Purchase for the day:-							
SINo.		From Hrs.	To Hrs.	Firm Power in MW	For the day MU	For the month MU	
1	TNEB<-- LKPL II(NETS)	0:00	24:00	147	3.516	26.964	
2	TNEB <-- ORISSA & SEL ORISSA	0:00	5:00	270	6.716	33.846	
3	TNEB <-- IEX & PXIL	0:00 6:00 10:00 18:00 19:00 20:00 21:00 22:00 23:00	6:00 7:00 18:00 19:00 20:00 21:00 22:00 23:00	0 149 0 300 100 177 176 100 75	1.078	45.227	
4	TNEB <--SEL thro NVVN	0:00	24:00	49	1.186	5.592	
5	TNEB <--GMR,JPL thro CSPTCL	0:00	24:00	187	4.497	22.476	
6	TNEB <--GLOBAL	0:00	24:00	160	3.840	18.906	

Report Date:

Thursday, October 06, 2011

7) IPP ACTUAL GENERATION SCHEDULE :-

For the day

05/10/11

Name of the plant & inst. Cap in MW	Backing down to (MW)							Picking up to (MW)						
	Requested			Actual				Requested			Actual			
	MW	From Hrs	To :45	MW	From Hrs	To Hrs.	Dur.	MW	From Hrs	To Hrs.	MW	From Hrs	To Hrs.	Dur.
GMR	120	1:55	10:55	120	1:55	10:55	0day 09:00	160	0:00	1:55	160	0:00	1:55	0day 01:55
196	120	14:01	15:45	120	14:01	15:45	0day 01:44	160	10:55	14:01	160	10:55	14:01	0day 03:06
	48	15:45	20:15	48	15:45	20:15	0day 04:30	150	20:15	22:05	150	20:15	22:05	0day 01:50
	80	23:55	0:00	80	23:55	0:00	0day 00:05	160	22:05	23:55	160	22:05	23:55	0day 01:50
SPCL	13	0:00	0:05	13	0:00	0:05	0day 00:05	75	0:05	15:10	75	0:05	15:10	0day 15:05
106	13	15:10	22:04	13	15:10	22:04	0day 06:54	75	22:04	23:55	75	22:04	23:55	0day 01:51
	13	23:55	0:00	13	23:55	0:00	0day 00:05							
PPN	281	0:00	1:05	281	0:00	1:05	0day 01:05	320	1:05	16:25	320	1:05	16:25	0day 15:20
330.5	281	16:25	18:35	281	16:25	18:35	0day 02:10	320	18:35	0:00	320	18:35	0:00	0day 05:25
MPCL	13	0:00	0:05	13	0:00	0:05	0day 00:05	85	0:05	15:10	85	0:05	15:10	0day 15:05
106	13	15:10	22:04	13	15:10	22:04	0day 06:54	90	22:04	23:55	90	22:04	23:55	0day 01:51
	13	23:55	0:00	13	23:55	0:00	0day 00:05							
ST-CMS	250	0:00	0:00	250	0:00	0:00	1day 00:00							
250														
ABAN-120								113	0:00	0:00	80	0:00	0:00	1day 00:00
PENNA 52.8								53	0:00	0:00	45	0:00	0:00	1day 00:00

SPCL: DG2 - S/D @ 10:54 on 30.09.11 due to cooling water leakage, DG 3 - S/D @14:46 hrs on 28.09.11 due to

8) Comparative Group wise inflow :-

Reservoir	Cummulative inflow for the water Year upto		Inflow this day last year in M.U
	Last year (MU)	This year (MU)	
Nilgiris	873.586	1241.956	12.148
Excl.Mettur	1708.825	2104.511	42.617
For Mettur	135.918	278.217	15.741

9) Surplus/ discharge details:-

Reservoir Name	Water surplusd (MU)		Water discharged (MU)		Remarks
	for the day	from	for the day	from	
Pykara		0.777		--	Dam surplus
L. Kodayar		32.477	--	--	Spill way surplus
Papanasam & Servalar		0.084	0.096	42.483	Karaiyar discharge
Periyar		10.964	--	8.922	Scourvent discharge
U.Kodayar		9.157		0.006	Mechanical run
Mukuruthy		0.282	--	--	Dam surplus
Moyar FB& Maravakandy		7.264	--	--	Moyar Forebay &
Suriliyar		3.014	--	0.077	
Pegumbahalla	--	--	--	--	
Porthimund	--	--	--	--	
Parsons Valley	--	--	--	--	
Avl& Emerald	--	--	--	--	
Kundah Palam	--	--	--	--	
Sholayar Saddle	0.453	86.304	--	--	Sholayar saddle surplus
Sholayar Spillway	--	--		0.840	By pass gate discharge
Pillur		2.277		5.818	Dam surplus
Kadamparai	--	--	--	--	
Thunakadavu		0.500		1.676	Bypass discharge
Glenmargon	--	--	--	--	
Upper Aliyar	--	--	--	--	
SandiNallah	--	--	--	--	
Parambikulam		27.642	--	--	Spill way surplus
Mettur	--	--	--	--	
Papanasam Dam & FB	--	--	--	--	
Upper Bhavani		0.114	--	--	Dam surplus

10) Rainfall (above 25 mm) Details :-

For the day 05/10/11

Sl. No.	Reservoir	MM
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11) Details of operation of Kadamparai PH Pump :-

Unit No.	Date	Time in hrs.		Duration	Qty. of water Pumped	Energy Consumed in MU
1	10/5/2011	15:45	19:30	3:45	11.44	0.39
1	10/6/2011	0:25	6:00	5:35	17.45	0.595
3	10/5/2011	16:45	19:10	2:25	7.92	0.27
3	06/10/11	2:05	6:00	3:55	12.32	0.42
4	05/10/11	15:50	19:05	3:15	10.41	0.355
4	06/10/11	0:55	6:00	5:05	16.42	0.56
				Total	75.96	2.59

:: Tamil Nadu Transmission Corporation Ltd ::

RESERVOIR CONDITION AS AT 06.00 AM ON : Report Date: **06/10/11** Thursday

SL. No.	Name of the Reservoir	FRL (MDDL) in (Feet)	Nett. Capacity at FRL (Mcft)			For Previous day		Rainfall 24 hrs. till 6 AM today (mm)	At this rate of inflow & discharge the reservoir will get filled up in days	Present storage as % of FRL (%)
				Level in (Feet)	Nett. Storage (Mcft)	Inflows (Mcft)	Dis. (Mcft)			
1	Mukurthy	6884 (6804)	1785	6881.60	1695.20	1.85	5.55	--	--	95.0
2	Pykara	6799 (6710)	1945	6794.00	1712.00	1.71	26.66	--	----	88.0
3	Sandyanallah	7039 (6995)	768	7016.35	272.897	0.76	0.00	--	>100 days	35.5
4	Glenmorgan Dam	6623 (6616.1)	9.33	6621.00	7.13	0.00	0.00	--	----	76.4
5	Glenmorgan FB	6470 (6456.5)	91.7	6466.45	66.72	7.54	25.52	--	----	72.8
6	Upper Bhavani	7470 (7372)	3012	7459.30	2528.74	6.80	24.89	--	----	84.0
7	Porthimund	7285 (7181.8)	1849.5	7272.00	1477.20	0.00	0.000	--	----	79.9
8	Parson Valley	7250 (7201)	475	7240.90	304.50	13.611	19.611	--	----	64.1
9	AV & Emerald	6515 (6375)	5436.8	6509.80	4997.30	5.10	49.34	--	----	91.9
10	Kundha Palam	5330 (5310)	31.57	5323.40	18.070	0.98	57.06	--	----	57.2
11	Pegumbahallah	2852 (2800)	24.37	2847.50	21.37	6.74	53.87	--	----	87.7
12	Pillur	1400 (1335)	991	6370.50	407.00	61.34	57.46	--	>100 days	41.1
13	Parambikulam	1825 (1781)	12311	1824.20	12126.98	3.92	86.72	--	----	98.5
14	Thunnakkadavu	1770 (1748)	319	1769.54	311.12	0.86	82.69	--	----	98
15	Kadamparai	1149 (1112)	940.38	1137.00	512.09	6.16	68.23	--	----	54.5
16	Upper Aliyar	2525 (2396)	914.89	2515.50	805.45	WP :75.96 5.78	27.52	--	----	88.0
17	Sholayar	3290 (3145)	4869.95	3290.47	4897.41	48.65	31.02	--	----	100.6
18	Periyar	136 (108)	5519	116.20	1344.00	9.99	63.99	--	----	24.4
19	Manalar	1492 (1470.4)	11.82	1488.70	8.25	0.11	0.19	--	----	69.8
20	Highwavys	1506 (1486)	2.38	1494.35	0.3708	0.00	0.00	--	----	15.6
21	Eravangalar	1472 (1459.5)	1.42	1470.55	1.0575	WP : 0.00	0.00	--	----	74.5
22	Papanasam Dam	868 (720)	5270	748.05	0.00	14.980	0.00	--	>100 days	0.8
23	Servalar	265 (235)	1135.2	232.19	51.05		0.00	--	----	
24	Upper Kodayar	4350 (4250)	2578.8	4326.50	1122.50	2.20	15.76	--	----	43.5
25	Lower Kodayar	1150 (1065)	24.07	1142.00	20.66	2.07	16.59	--	----	85.8
26	Mettur	790 (670)	88452	85.34	42468	948.93 Cusecs 10983	1037 Cusecs 12000	--	----	48.0

EXECUTIVE ENGINEER / MLDC ,
TNEB / CHENNAI - 2.

Reservoir	Storage in Mcft.			
	As On :- 06/10/10		As On :- 06/10/11	
	Gross	Nett	Gross	Nett
1. Upper Bhavani	1888.060	1328.060	3088.739	2528.739
2. Porthimund	1469.700	1196.700	1750.200	1477.200
3. Parson Valley	239.000	34.000	509.500	304.500
4. Avalanche & Emerald	1523.500	1423.500	5097.300	4997.300
5. Pykara Group	2649.551	2419.551	3910.097	3680.097

Name of the Reservoir As on 06/10/11		FRL. & Nett. Storage	Level (Feet)	Nett. Storage (Mcft)
1. Kerala Sholayar	As on 01.05.11	2663 (5297)	2617.600	1916.800
2. Lower Aliyar		1050 (3829)	1048.200	3713.250
3. Lower Bhavani		920 (32273)	896.120	15759.000
4. Vaigai Dam		71 (6496)	51.120	1760.400
5. Pechiparai		302 (4350)	274.600	0.000
6. Perunchani		306 (2890)	42.100	561.000
7. Chittar-1		269 (393)	3.480	60.740
8. Chittar-2		269 (600)	3.000	99.000
TOTAL (Items 5 to 8)		(8233)		

14.Bus Voltage

05/10/11

Sl.	Name of	CB	400 KV		230 KV		110KV	
No.	Sub-Station	Mvar	Max	Min	Max	Min	Max	Min
1	Neyveli TS1 EXPN	--	426	417	--	--	--	--
2	North Chennai TPS	--	--	--	215	207	--	--
3	Tuticorin TPS	--	--	--	239	227	--	--
4	Mettur TPS	--	--	--	230	223	--	--
5	Chekkanoorani	--	404	391	234	221	--	--
6	Myvadi 400KV	--	402	390	223	224	--	--
7	Neyveli TS2	--	416	408	231	227	--	--
8	Sterlite	--	--	--	238	230	--	--
9	Kalivanthapattu 400KV	--	--	--	--	--	--	--
10	Veeranam 230/33KV	--	--	--	236	226	--	--
11	Amuthapuram 230/33KV	--	--	--	240	229	--	--
12	Abishegapatty 400KV	--	424	406	237	226	--	--
13	Valathur	--	--	--	251	238	119	113
14	Renganathapuram	--	--	--	251	238	119	113
15	Sanganeri	--	--	--	236	227	117	112
16	Thiruvavur	2x24	--	--	238	234	115	112
17	Kodikurichi	--	--	--	240	228	117	112
18	Neyveli TS1	--	--	--	230	228	113	111
19	Trichy 400KV	2x24	416	403	231	221	113	111
20	Anupankulam	2x24	--	--	235	228	115	111
21	OK Mandapam	--	--	--	225	218	113	111
22	Ingur	2x24	--	--	227	221	115	110
23	Sipcot	--	--	--	240	231	112	110
24	Vinamangalam	--	--	--	228	217	116	110
25	Singarapet	2x24	--	--	234	227	117	110
26	Tanjore	2x24	--	--	240	230	113	110
27	Palladam	--	--	--	229	220	116	110
28	Thudiyalur	2x24	--	--	229	221	113	110
29	Ponnavaram	--	--	--	233	230	114	109
30	Udayathur 230/33KV	--	--	--	236	226	115	109
31	Samayapuram	--	--	--	234	226	114	109
32	Hosur	2x24	--	--	231	223	114	109
33	Pugalur	2x24	--	--	234	225	113	109
34	Pasumalai	1x24	--	--	246	234	117	109
35	Thiruvalem	2x24	--	--	230	217	112	109
36	Villupuram	2x24	--	--	236	221	115	108
37	Perambalur	2x24	--	--	228	221	114	108
38	Alagarkoil	1x24	--	--	238	226	113	108
39	Udumalpet	4x24	--	--	229	221	112	108
40	Eachangadu	--	--	--	230	226	110	108
41	Pudukottai	2x24	--	--	235	230	111	108
42	Tuticorin Auto	--	--	--	241	231	114	108
43	Trichy 230KV	--	--	--	234	223	113	108
44	Gobi	2x24	--	--	230	222	113	108
45	Salem 400KV	--	412	396	229	222	113	108
46	SR Pudur	2x24	--	--	235	226	113	108
47	Theni	1x24	--	--	233	222	113	108
48	Sembatty	2x24	--	--	228	218	114	108
49	Paramakudi	1x24	--	--	247	237	113	108
50	Mettur	--	--	--	232	224	110	108
51	Kayathar	2x24	--	--	243	232	113	107
52	Arasur	3x24	--	--	233	222	113	107
53	Kadalangudi	--	--	--	230	225	110	107

14.Bus Voltage

05/10/11

Sl.	Name of	CB	400 KV		230 KV		110KV	
54	Ennore TPS	--	--	--	217	211	110	107
55	Kanthamangalam	--	--	--	226	217	113	107
56	Mosur	2x24	--	--	219	211	112	107
57	TV Malai	--	--	--	229	220	113	106
58	Arumuganeri	--	--	--	--	--	117	106
59	Cuddalore	2x24	--	--	235	233	112	106
60	Erode	2x24	--	--	--	--	111	106
61	Pudanchandai	--	--	--	228	219	112	106
62	Thiruchengode(Unjanai)	2x24	--	--	227	220	112	106
63	Arni	2x24	--	--	222	205	113	106
64	Sriperumpudur	2x24	416	392	219	208	112	106
65	Korattur	2x24	--	--	217	205	112	105
66	Mambakkam	--	--	--	218	208	109	105
67	Veerapuram	--	--	--	219	209	110	105
68	Oragadam	--	--	--	218	207	110	105
69	Coimbatore	1x24	--	--	--	--	111	104
70	Deviakuruchi	2x24	--	--	232	225	111	104
71	Karaikudi	2x24	--	--	240	226	111	104
72	Salem 230KV	2x24	--	--	227	219	109	104
73	Acharapakkam	--	--	--	226	218	108	104
74	Siruseri	--	--	--	220	208	111	104
75	SP.Koil	2x24	--	--	217	209	109	104
76	Alamathy 400KV	2x24	421	394	223	211	113	103
77	Manali	--	--	--	218	206	110	103
78	NOKIA	--	--	--	219	209	108	102
79	Kilpauk	--	--	--	214	205	108	102
77	Kadaperi	2x24	--	--	219	209	108	102
78	Tondiarpet	1x24	--	--	219	208	109	101
79	Basinbridge ss	--	-	-	216	204	108	101
80	Tharamani	2x24	--	--	216	205	106	100
81	Gummidipoondi	--	--	--	215	207	101	96
82	Koyambedu	2x24	--	--	218	204	108	96
83	KITZ Park		--	--	216	207	102	97
84	Mylapore	--	--	--	216	208	106	97

Sl.No.	Name of	CB	400 KV		230 KV		110KV	
	Sub-Station	Mvar	Max	Min	Max	Min	Max	Min
	PP Nallur	--	--	--	239	233	--	--
1	STCMS	--	--	--	234	228	--	--
2	GMR	--	--	--	--	--	106	108
3	SPCL	--	--	--	--	--	116	108
4								

5 MPCL

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116

109

230 KV Maximum & Minimum Voltages

13

Date: 05/10/11

S.No	Name of the Thermal Station /Substation	Maximum Voltage in kV	Time hrs	Minimum Voltage in kV	Time hrs
1	ETPS	217	8	211	18
2	NCTPS	215	8	207	19
3	TTPS	239	9	227	19
4	MTPS	230	2	223	18
5	Neyveli TS1	230	1	228	7
6	Neyveli TS2	231	1	227	8
7	MAPS	216	3	212	8
8	SR Pudur 230 kV	235	13	226	19
9	Kayathar 230 kV	243	5	232	19
10	Udumalpet 230 kV	229	1	221	0
11	Trichy 230 kV	234	11	223	18
12	Theni 230 kV	233	1	222	19
13	Arani 230 kV	222	24	205	8
14	Singarapet 230 kV	234	0	227	0
15	Thiruvarur 230 kV	238	1	234	12
16	Paramakudi 230 kV	247	6	237	18
17	Korattur 230 kV	217	6	205	19

12.Generation and MVAR in all Generating Stations at 1900 Hrs.

Date : 05/10/11

Sl.No.	Station	Rated cap. of unit on bars (MW)	Active power generation (MW)	Reactive power generation (MVAR)	Percentage MVAR / MW (Rated cap of unit on bars)
Hydro P					
1	Servalar	0	0	0	NIS
2	Sholayar PH2	0	0	0	NIS
3	Kundah PH5	0	0	0	NIS
4	Parsons Valley	0	0	0	NIS
5	Kodayar PH2	0	0	0	NIS
6	Pykara	14	6.6	5	35.71%
7	Aliyar	60	58	20	33.33%
8	Kodayar PH1	60	40	20	33.33%
9	Periyar	70	62	19	27.14%
10	L.Mtr PH4	30	16	8	26.67%
11	L.Mtr PH3	30	20	8	26.67%
12	Kundah PH1	60	58	15	25.00%
13	Mettur Dam	37.5	27	9	24.00%
14	Suruliyar	35	20	8	22.86%
15	Kundah PH4	100	91	20	20.00%
16	L.Mtr PH2	30	20	6	20.00%
17	Kundah PH2	175	149	28	16.00%
18	Mettur TPH	100	79	14	14.00%
19	Papanasam	15	4	2	13.33%
20	Kundah PH3	120	109	14	11.67%
21	BKB 1	15	15	1	6.67%
22	Moyar	24	24	1	4.17%
23	Sarkarpathy	30	22	1	3.33%
24	L.Mtr PH1	30	15	1	3.33%
25	Sholayar PH1	35	32	1	2.86%
26	PUESHEP	150	150	1	0.67%
27	Kadamparai	320	-320	0	0.00%
Thermal Stations					
1	Ennore	0	0	0	NIS
2	North Chennai TPS	420	420	189	45.00%
3	Tuticorin TPS	1050	935	285	27.14%
4	Mettur TPS	840	840	220	26.19%
5	Neyveli TS2	1260	1176	306	24.29%
6	Neyveli TS1	600	542	0	0.00%
7	Neyveli TS1 EXPN	420	391	-74	-17.62%
Atomic Power Stations					
1	MAPS	440	306	95	21.59%
Gas Power Stations					
1	Valathur GTS	0	0	0	NIS
2	Basin Bridge	0	0	40	Condenser
3	Koilkalpal GTS	107	92	40	37.38%
4	Kuttalam GTS	101	75	23	22.77%
IPP Stations					
1	Samalpatty	15	13	6.2	41.33%
2	GMR	49	48	20	40.82%
3	Madurai Power Corp	15	13	6	40.00%
4	TCPL	63.5	64.15	18.82	29.64%
5	PP Nallur	330	320	87	26.36%
6	ABAN	113	81	29	25.66%
7	STCMS	250	250	63	25.20%
8	Penna	53	46	13	24.62%
Total		7666.8 MW	6309.75 MW	1569.02 Mvar	
Percentage			Mvar / MW	20.47%	

16.Daily Energy Generated.

Report dated : 06/10/11

Sl. No.	Description	Cu.Till Prev Day	For the day	For the month		Details as on :	05/10/11	For the day	For the month
1	Pykara	0.447	0.106	0.553	68	PONDY(I) 4 NLY2-Pondy	-0		0.029
2	PUSHEP	6.249	2.077	8.326	69	PONDY(I) 4 SPDR-Pondy	-12	4.848	17.037
3	Moyar	2.594	0.466	3.060	70	PONDY(I) NLY2-Viliyanur			
4	Kundah 1	4.289	1.175	5.464	71	PONDY(I) NLY2-Bahoor			
5	Kundah 2	9.949	2.879	12.828	72				
6	Kundah 3	5.656	1.508	7.164		Total imp. / pur.	599.847	153.287	777.570
7	Kundah 4	1.467	0.392	1.859		Gross.	938.653	238.101	1201.190
8	Kundah 5	0.912	0.439	1.351	73	4SPDR-Chittore (E)			
9	Kundah 6	0.590	0.241	0.831	74	4Alamathi-Nellore(E)			
	Total Nilgiris	32.153	9.283	41.436	75	2TVLM-Chittore(E)			
10	Kadamparai	6.045	4.085	10.130	76	2GPD-Sulurpet(E)			
11	Aliyar	2.529	0.932	3.461	77	4KVPT-Kolar(E)			
12	Suriliyar	0.707	0.283	0.990	78	4Sulagiri-Kolar(E)			
	Non Irrigation	41.434	14.583	56.017	79	4SLM-Bangalore(E)	0.079	0.020	0.099
13	Sarkarpathy	2.155	0.539	2.694	80	2Hosur-Erandahalli(E)	2.733	0.567	3.300
14	Sholayar 1	3.060	0.764	3.824	81	4MYV-Trichur(E)	34.100	9.300	43.400
15	Sholayar 2				82	KLA(E) Trivandrum	15.632	4.331	19.963
16	Mettur dam	2.711	0.658	3.369	83	2Theni-Sabaragiri(E)	0.309	0.090	0.399
17	Mettur Tunnel	8.384	1.910	10.294	84	2Abishegapa-Edamon(E)	16.888	4.337	21.225
18	L M P H -1	1.744	0.359	2.103	85	2UDPT-Iddky	0.075	0.094	0.169
19	L M P H -2	1.981	0.490	2.471	86	KLA(E) K.THUR	0.618	0.148	0.766
20	L M P H -3	2.034	0.487	2.521	87	KLA(E) UPTY			
21	L M P H -4	1.660	0.392	2.052	88	PONDY(E) NLY2-Pondy	14.936	5.050	19.986
22	B K B - 1	1.304	0.357	1.661	89	PONDY(E) SPDR-Pondy	0.310		0.310
23	Periyar	6.825	1.521	8.346	90	PONDY(E) NLY2-Viliyanur	8.850	2.358	11.208
24	Papanasam	0.685	0.096	0.781	91	PONDY(E) NLY2-Bahoor	9.892	2.578	12.470
25	Servalar								
26	Kodayar 1	3.825	0.954	4.779					
27	Kodayar 2	0.955	0.253	1.208					
	Total irrigation	37.323	8.780	46.103		Total Export.	104.422	28.998	133.295
28	Total Micro	2.181	0.508	2.689		Nett	834.231	209.103	1067.895
	Total Hydro	80.938	23.871	104.809	92	KPSHEP Pump	10.545	1.015	11.560
29	Ennore TPS	7.793	1.624	9.417	93	Export to TS2 Mines	7.165	1.913	9.078
30	North Chennai TPS	54.630	10.080	64.710		DAY	5 th		Net(-)ump
31	Tuticorin TPS	85.270	22.270	107.540		TNEB aveg. cons.	213.579 MU.		208.088
32	Mettur TPS	80.331	20.015	100.346		Sustained Load	9221.6 MW.		
	TNEB Thermal	228.024	53.989	282.013		Time	19.00 Hrs.		
33	Basin Bridge GTP					Frequency	49.72 HZ.		
34	Koivilkalappal GTP	8.942	2.236	11.178		Hydro aveg.Gen	994.625 MW.		
35	Vazhathur GTP (Stg1)	8.266	1.439	9.705		Thermal aveg. Gen.	2249.542 MW.		
35	Vazhathur GTP (Stg2)	5.918	1.581	7.499		TS1 average relief.	442.125 MW.		
36	Kuttalam GTP	6.718	1.698	8.416		TS2 average relief.	976.417 MW.		
	Total gas	29.844	6.954	36.798		MAPS average relief	268.792 MW.		
37	GMR	12.261	2.853	15.114		I.STATE imp. average.	2320.000 MW.		
38	Samalpatty(I)	3.882	1.339	5.221		I.STATE exp. average.	1413.917 MW.		
39	Madurai PCL(I)	4.137	1.512	5.649		TNEB ave. demand	8712.625 MW.		
41	ST-CMS	19.076	6.006	25.082					
40	P.P.Nallur(I)	27.827	7.550	35.377		Load factor	94.48 %		
42	ABAN (I)	7.590	1.926	9.516		Nil. Gen. Today	9.283 MU.		
43	PENNA(I)	4.422	1.106	5.528		Nil. Gen. Month	41.436 MU.		
	IPP Total	79.195	22.292	101.487		Nil. Gen. Aver. (month)	8.287 MU.		
44	Chennai Others	17.786	4.574	22.360		KLA (nett)	-17.903 MU.		
45	Erode Others	1.826	0.436	2.262		Pondy (nett)	-5.138 MU.		
46	Madurai Others	28.558	9.477	38.035		TNDrawal	66.035 MU.		
47	Wind Mill (Total)	76.373	10.963	87.336					
48	Solar	0.056	0.026	0.082		Pykara Micro	0.048200 MU.		
49	Neyveli TS1	42.686	10.611	53.297		Maravakandi	0.004600 MU.		
50	Neyveli TS1 (Exp)	31.047	9.343	40.390		B_Sagar	0.148400 MU.		
51	Neyveli TS2	92.593	23.434	116.027		Vaigai	0.128000 MU.		
52	Kalpakkam APS	25.737	6.451	32.188		Poonachi			
53	4SPDR-Chittore (I)	29.962	6.103	36.065		Amaravathy			
54	4Alamathi-Nellore (I)	62.870	14.650	77.520		Lower Aliyar	0.029200 MU.		
55	2GPD-Sulurpet(I)	4.508		4.508		Thirumurthy			
56	2TVLM-Chittore(I)	10.385	2.560	12.945		Perunchani			
57	4KVPT-Kolar (I)	25.968	7.159	33.127		Pechiparrai			
58	4Sulagiri-Kolar (I)	60.783	16.933	77.716		Mukuruthy	0.008200 MU.		
59	4SLM-Blore(I)	17.000	3.030	20.030		Tukulapatty			
60	2Hosur-Erandahalli					Sathanur			
61	4MYV-Trichur(I)					L_Bhavani RBC	0.141900 MU.		
62	4ABKPatty-Trivandrum								
63	2Theni-Sabaragiri(I)	0.713	0.088	0.801		TOTAL MICRO	0.508500 MU.		
64	2Abisheg-Edamon (I)								
65	2Udumalpet-Iddiky(I)	4.019	0.309	4.328		HT Relief	2.732		
66	2K.Thurai(I)					Load Shedding	10.011		
67	1Uppatty(I)					Total Relief	12.743		
						Demand	221.846		