



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

25/Jun/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Jun/2010 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	71.664	1996.762	1) Madhya Pradesh	76.342	1656.556
2) Hydro	7.377	205.024	2) Gujrat	16.788	562.312
3) Gas	15.097	393.539	3) Goa	-5.759	-156.487
Total MSGENCO	94.138	2595.325	4) TAPS 1&2 (Inj.)	7.233	181.158
B) OTHERS			5) Pench (Excess)	-0.032	-3.880
1) RGPPL Gas	25.609	817.962	# Total Cent. Sector	94.572	2239.659
2) Wind Generation	9.814	306.965	F) Other Exchanges		
3) CPP	4.037	117.591	1) With TPCL (Excess)	-11.256	-242.431
4) PENCH (MS)	0.032	3.880	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	4.348	201.134
1) TPCL Thermal	22.569	723.502	Include PX	1.656	65.718
2) TPCL Hydro	3.648	81.678	2) MUMBAI Bilateral	12.016	264.624
TOTAL TPCL	26.217	805.180	Include PX	0.851	10.239
3) REL Thermal	12.452	313.140	3) MUMBAI Schedule	12.016	264.624
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	106.685	3033.404	1) MSEDCL	216.946	5838.951
2) Hydro (A2+B3+C2)	11.057	290.582	2) TPCL	32.730	873.251
3) Gas (A3+B1)	40.706	1211.501	3) REL	17.194	487.492
4) Wind (B2)	9.814	306.965	TOTAL STATE	266.870	7199.694
5) CPP (B3)	4.037	117.591			
TOTAL STATE	172.299	4960.043			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3087	2883	2814
MSGENCO Hydro	148	1539	38
MSGENCO Gas	664	638	637
MSGENCO Total Generation	3899	5060	3489
Central Sector Receipt	3898	3604	4265
RGPPL	989	1294	1000
WIND	424	332	332
CPP	152	187	168
Exchange with TPCL	-776	-439	-93
MSEDCL DEMAND MET	8586	10048	9161
Load Shedding	3280	2973	798
MSEDCL DEMAND (INCL. LS)	11866	13021	9959
TPCL GENERATION	1270	1330	814
REL GENERATION	521	524	505
TPCL+REL DEMAND	2567	2293	1412
STATE DEMAND MET	11153	12341	10573
STATE DEMAND (INCL. LS)	14433	15314	11371
Frequency (Hz)	49.74	49.65	50.35
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4374 MW AT 20.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			77.35 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.64 Hz at 04.08 Hrs	49.36 Hz at 22.09 Hrs	49.94	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 25/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.46	37.76	68	35	65
Unit 2	1.56	17.18	69	60	70
Unit 3	1.52	38.22	71	46	65
Unit 4	0.00	19.58	0	0	0
Unit 5	2.84	52.72	137	78	120
Unit 6	2.76	51.43	160	92	110
Unit 7	2.83	72.06	145	76	100
	12.98	288.96			530
Bhusawal					
Unit 1	0.00	8.10	0	0	0
Unit 2	3.91	74.49	180	135	170
Unit 3	4.02	85.48	180	155	175
	7.93	168.07			345
Parli					
Unit 1	0.00	9.02	0	0	0
Unit 2	0.00	8.98	0	0	0
Unit 3	3.79	100.76	169	135	170
Unit 4	0.00	76.49	0	0	0
Unit 5	2.66	81.77	197	94	100
Unit 6	5.13	127.20	252	168	250
Unit 7	3.26	88.73	247	91	
	14.83	492.94			520
Chandrapur					
Unit 1	0.00	0.14	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	3.99	103.32	179	158	190
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
	3.99	103.46			190
Paras					
Unit 2	0.00	7.95	0	0	0
Unit 3	5.15	140.51	249	0	250
Unit 4	0.00	59.99	0	0	
	5.15	208.45			250
Khaparkheda					
Unit 1	4.07	102.56	192	141	160
Unit 2	3.54	88.21	173	94	160
Unit 3	3.77	101.35	166	144	160
Unit 4	3.82	90.37	163	157	160
	15.21	382.49			640
Nasik					
Unit 1	1.98	43.74	90	71	90
Unit 2	1.59	41.22	82	50	90
Unit 3	0.00	89.86	0	0	0
Unit 4	3.99	68.38	185	104	180
Unit 5	4.01	109.20	189	107	180
	11.58	352.39			540
Koyna					
Stage 1-2	2.12	54.12	325	35	600
Stage 4	2.75	73.65	787	0	250
Stage 3	0.90	30.71	302	0	320
	5.77	158.47			1170
Kovna 12&4 Total	4.88	127.76			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.10	393.54	678	501	630
		15.10	393.54			630
Hydro						
KDPH		0.00	3.26	0	0	0
VTRNA		0.00	5.35	0	0	0
TILLARI		0.00	0.00	0	0	0
BHTGR/VEER		0.00	1.29	0	0	0
BHIRA T.R.		0.39	5.77	40	0	40
RNGR+BHTSA		0.07	1.58	3	3	3
BHANDARDRA		0.27	0.27	30	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.05	3.96	10	0	7
GHATGHAR		0.83	25.08	225	0	0
		1.60	46.56			50
PENCH (MS)						
Pench (MS)		0.03	3.88	22	0	
		0.03	3.88			
Wind						
MalharPeth		0.57	9.97			
Vankuswadi		0.94	21.02			
ATIT		0.46	7.29			
Kale		0.31	8.84			
Satara		0.86	16.63			
Shirala		0.33	8.83			
K Mahankal		0.31	14.20			
Supa		0.11	4.31			
Vita		2.64	51.90			
Dondaicha		2.01	104.48			
Sakri		0.34	17.24			
Nandurbar		0.30	13.52			
Khadakale		0.40	15.95			
Khaparale		0.25	12.78			
		9.81	306.96			
CPP						
TOTAL CPP		4.04	117.59			
		4.04	117.59			
Dabhol						
RGPPL		25.61	817.96	1304	987	930
		25.61	817.96			930
Tata						
Trombay 4		0.00	43.44	0	0	0
Trombay 5		9.55	267.31	460	275	460
Trombay 6		3.94	176.50	240	150	500
Trombay 7A		2.82	71.06	124	93	120
Trombay 7B		1.56	37.73	67	58	60
Trombay 8		4.71	127.46	202	183	200
TATA Hydro		3.65	81.68	351	0	447
		26.22	805.18			1787
REL						
1&2		12.45	313.14	525	505	500
		12.45	313.14			500
Cent Sect						
Share						3504
						3504
MS PG CL	Thermal	71.66	1996.76			3015
	Thml+Gas	86.76	2390.30			3645
	Hydro	7.38	205.02			1220
	Total	94.14	2595.32			4865
State Total		172.30	4960.04			11586

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Jun/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	3067	43	671	3781	996	438	171	3244	4305	-460	-416	9275	1424	10699	1791	12490	50.11
2	2982	43	669	3694	997	410	182	3012	4185	-235	-184	9284	1443	10727	1536	12263	50.15
3	2823	43	670	3536	997	466	166	2848	4057	-146	-86	9136	1272	10408	1425	11833	50.20
4	2745	38	678	3461	1000	377	163	2848	4229	-146	-97	9133	841	9974	1422	11396	50.41
5	2814	38	637	3489	1000	332	168	2816	4265	-146	-93	9161	798	9959	1412	11371	50.35
6	3034	43	502	3579	996	439	173	2784	4211	-146	-87	9311	1120	10431	1452	11883	50.10
7	3125	38	501	3664	996	419	143	2956	3933	-116	-79	9076	2056	11132	1577	12709	50.14
8	3165	58	558	3781	995	490	140	3027	3775	-183	-159	9022	2542	11564	1750	13314	50.03
9	3199	85	517	3801	994	406	156	3231	3858	-375	-348	8867	2893	11760	2000	13760	50.03
10	3079	88	588	3755	990	441	141	3545	3763	-694	-688	8402	3438	11840	2349	14189	49.94
11	3075	88	666	3829	990	444	148	3780	3751	-788	-778	8384	3437	11821	2545	14366	49.90
12	3087	148	664	3899	989	424	152	3779	3898	-788	-776	8586	3280	11866	2567	14433	49.74
13	3005	248	662	3915	987	455	154	3762	4261	-788	-773	8999	2994	11993	2521	14514	49.74
14	2981	378	654	4013	993	492	167	3760	4039	-788	-794	8910	2754	11664	2480	14144	49.71
15	2973	373	648	3994	999	405	175	3760	3882	-788	-789	8666	2960	11626	2484	14110	49.68
16	3034	103	647	3784	1011	358	183	3760	3776	-788	-772	8340	3324	11664	2494	14158	49.71
17	2996	68	656	3720	1022	430	207	3762	4038	-788	-777	8640	3287	11927	2510	14437	50.00
18	3043	90	656	3789	1122	489	196	3669	3623	-694	-676	8543	3167	11710	2467	14177	50.06
19	2862	128	644	3634	1155	394	184	3283	3580	-589	-562	8385	3353	11738	2338	14076	49.91
20	2796	831	636	4263	1178	309	180	3283	4124	-589	-562	9492	3383	12875	2377	15252	49.68
21	2883	1539	638	5060	1294	332	187	3191	3604	-495	-439	10048	2973	13021	2293	15314	49.65
22	2950	1175	644	4769	1301	362	159	3191	3818	-495	-441	9990	2706	12696	2189	14885	49.76
23	2967	999	645	4611	1303	339	170	3190	3836	-495	-441	9818	1950	11768	2039	13807	49.74
24	2979	692	646	4317	1304	363	170	3285	3707	-495	-439	9422	1933	11355	1907	13262	49.78
MUs	71.66	7.38	15.10	94.14	25.61	9.81	4.04	79.77	94.52	-12.02	-11.26	216.89	59.33	276.22	49.92	326.14	49.94

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 25/Jun/2010

Position as on 6.30 Hrs of 26/Jun/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Chandrapur Unit 6	500	01/04/2010	01.15		Continued.	Annual Overhaul	26/06/2010
Dabhol 2B	230	15/04/2010	01.40	25/06/2010	14.31	Control System modification work	
Chandrapur Unit 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	27/06/2010
Chandrapur Unit 2	210	18/04/2010	21.38	25/06/2010	21.20	Clinker Formation.	
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	30/06/2010
Chandrapur Unit 3	210	26/05/2010	23.59		Continued.	Water Balancing Problem.	30/06/2010
Chandrapur Unit 1	210	24/06/2010	08.41		Continued.	AVR Replacement.	27/06/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Paras Unit 2	55	13/06/2010	17.35		Continued.	For Scrapping.	
Paras Unit 4	250	15/06/2010	20.55		Continued.	Clinker Formation.	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Tata Trombay 4	150	18/06/2010	01.40		Continued.	Low demand.	
Bhusawal Unit 1	58	18/06/2010	05.10		Continued.	For scrapping.	
Parli Unit 2	30	18/06/2010	06.26		Continued.	For Scrapping.	
Parli Unit 1	30	18/06/2010	12.11		Continued.	For scrapping.	
Dabhol 1B	230	18/06/2010	13.09		Continued.	Unit Differential.	10/07/2010
Dabhol 1A	230	18/06/2010	13.09		Continued.	Unit Differential.	10/07/2010
Dabhol 1X	290	18/06/2010	13.09		Continued.	Unit differential.	10/07/2010
Koradi Unit 4	115	20/06/2010	18.44		Continued.	Boiler Tube Leakage.	26/06/2010
Nasik Unit 3	210	21/06/2010	22.05		Continued.	Boiler Hopper Leakage.	25/06/2010
Koyna ST - IV 4	250	23/06/2010	07.50		Continued.	Servomotor seal replacement.	01/07/2010
Parli Unit 4	210	24/06/2010	23.18		Continued.	HPCV problem.	27/06/2010
Paras Unit 3	250	25/06/2010	02.26	25/06/2010	04.21	Clinker problem.	
Uran Unit 6	108	25/06/2010	04.45	25/06/2010	09.25	Rectifire fault	
Chandrapur Unit 2	210	25/06/2010	21.25	26/06/2010	01.34	Tripped due to failure of Stn Supply	
REL 2	250	26/06/2010	02.19		Continued.	Condensor Tube Leakage	30/06/2010
Koradi Unit 5	200	26/06/2010	02:33		Continued.	Bunkering Problem.	28/06/2010

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jun/2010

Position as on 6.30 Hrs of 26/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Nasik-Navsari-I	25/06/2010	09.00	25/06/2010	17.55	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - II	12/06/2010	23.02	25/06/2010	14.09	Main Breaker Problem at A,Bad end
Kolhapur-Mapusa Ckt I	15/06/2010	22.36		Continued.	H/T For O/V.
Akola - Wardha - II	16/06/2010	14.53		Continued.	H/T due to line loading.
Dhule-Sar'Sarovar - II	24/06/2010	16.17		Continued.	H/T for O/V.
Dhule-Sar'Sarovar - I	24/06/2010	23.32	25/06/2010	08.50	H/T for O/V
Akola - Aurangabad - I	25/06/2010	14.10		Continued.	To control Aurangabad ICT loading
Dhule-Sar'Sarovar - I	25/06/2010	18.32		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of LN at Parli.	13/05/2010	07.58		Continued.	Overhauling of line reactor of Lonikand -I at Parli.
400/11.5 KV 90 MVA Station T/F-IV @ Chandrapur	29/05/2010	10.18		Continued.	Maintainance Work.
Lonikand-Karad	25/06/2010	00.58	25/06/2010	09.15	H/T for O/V.
Chandrapur - Parli - II	25/06/2010	09.00		Continued.	Replacement of Insulator,ready for charging at 17.59Hrs
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV,100 MVA T/F-II @ Malegaon	19/03/2010	09:15	26/06/2010	20:55	ICT replaced by new 200 MVA ICT on 26/03/10.
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
Aurangabad-Chitegaon-I	25/06/2010	06.43	25/06/2010	20.11	Dismantling and restringing of ckt I&II and removal of E/W
Aurangabad-Chitegaon-II	25/06/2010	06.47	25/06/2010	20.32	Removal of E/W
Kanhan - Bhandara - I	25/06/2010	06.58	25/06/2010	16.22	Insulator replacement
Kalwa - Khargar	25/06/2010	08.48	25/06/2010	19.09	Replacement of Insulator
Uran-Kharghar-II	25/06/2010	09.06	25/06/2010	20.12	Commissioning of Auto Recloser Scheme
Karad - Vita - I	25/06/2010	09.51	25/06/2010	18.03	Testing work
Sonkar - Nerul	25/06/2010	10.16	25/06/2010	15.53	Red Hot
Main Bus-II at Kharghar	25/06/2010	11.22	25/06/2010	19.02	Replacement of Jumper
Wada-Kolshet	25/06/2010	14.23	25/06/2010	18.32	Testing Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT II AT CHAKAN	12/06/2010	13:04		Continued.	'R' phase unit replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	19/06/2010	22.51		Continued.	Over Voltage
Karad-Kolhapur-II	23/06/2010	23.38		Continued.	H/T For O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Warora-Wardha Power CKT.II	25/06/2010	21.22	25/06/2010	22.55	Directional E/F relay operated
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5/6.6 KV 70 MVA Strn.T/F 5B at 400KV	25/04/2010	03.59		Continued.	B-Ph,HV bushing burst and caught fire.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Jun/2010

Position as on 6.30 Hrs of 26/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khaparkheda					
400/220 KV, 315 MVA ICT-II at Chandrapur	25/06/2010	21.25	25/06/2010	22.09	Bus Bar Prot.operated
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil tank burst.
Mahad - Century Enka	25/06/2010	18.30	25/06/2010	20.02	Distance protection
Chandrapur-Warora - I	25/06/2010	21.25	25/06/2010	22.20	Bus Bar protection Operated
C'pur-Sicom-I	25/06/2010	21.25		Continued.	Bus Bar Prot.operated, Y phase CT Burst.
C'pur-Sicom-II	25/06/2010	21.25	25/06/2010	22.04	Distance protection
220/66KV 50MVA T/F at Chandrapur	25/06/2010	21.25	25/06/2010	22.05	Bus Bar prot.operated
220 KV Main Bus - I @ Chandrapur.	25/06/2010	21.25	25/06/2010	22.01	Bus Bar Prot.operated
Chandrapur-Gadchandur	25/06/2010	21.25	25/06/2010	22.18	Bus Bar prot.operated
Chandrapur MIDC - Gadchandur	25/06/2010	21.28	25/06/2010	22.05	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	65
Unit 3	105	80
Unit 4	105	0
Unit 5	200	0
Unit 6	210	120
Unit 7	210	140
	1040	470
Bhusawal		
Unit 1	58	0
Unit 2	210	170
Unit 3	210	170
	478	340
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	170
Unit 4	210	0
Unit 5	210	110
Unit 6	250	250
Unit 7	250	
	1190	530
Chandrapur		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	0
Unit 4	210	190
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	190
Paras		
Unit 2	55	0
Unit 3	250	230
Unit 4	250	
	555	230
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	160
Unit 4	210	160
	840	660
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	0
Unit 4	210	180
Unit 5	210	180
	870	540
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	3
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	83
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khadakale	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	930
	960	930
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3353
	3143	3353