



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Jun/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Jun/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	74.939	1925.098	1) Madhya Pradesh	68.598	1580.214
2) Hydro	3.641	197.647	2) Gujrat	24.352	545.524
3) Gas	16.135	378.442	3) Goa	-6.002	-150.728
Total MSGENCO	94.715	2501.187	4) TAPS 1&2 (Inj.)	7.261	173.925
B) OTHERS			5) Pench (Excess)	-0.048	-3.848
1) RGPPL Gas	23.234	792.353	# Total Cent. Sector	94.161	2145.087
2) Wind Generation	15.911	297.151	F) Other Exchanges		
3) CPP	3.668	113.554	1) With TPCL (Excess)	-11.336	-231.175
4) PENCH (MS)	0.048	3.848	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	4.901	196.786
1) TPCL Thermal	22.727	700.933	Include PX	3.220	64.062
2) TPCL Hydro	4.403	78.030	2) MUMBAI Bilateral	11.827	252.608
TOTAL TPCL	27.130	778.963	Include PX	0.662	9.389
3) REL Thermal	12.512	300.688	3) MUMBAI Schedule	11.827	252.608
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	110.178	2926.719	1) MSEDCL	220.401	5622.005
2) Hydro (A2+B3+C2)	8.092	279.525	2) TPCL	33.185	840.521
3) Gas (A3+B1)	39.369	1170.795	3) REL	17.792	470.298
4) Wind (B2)	15.911	297.151	TOTAL STATE	271.378	6932.824
5) CPP (B3)	3.668	113.554			
TOTAL STATE	177.218	4787.744			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3178	3084	3247
MSGENCO Hydro	74	453	37
MSGENCO Gas	660	673	682
MSGENCO Total Generation	3912	4210	3966
Central Sector Receipt	4335	4017	3098
RGPPL	959	970	970
WIND	422	756	854
CPP	136	148	155
Exchange with TPCL	-687	-498	-109
MSEDCL DEMAND MET	9077	9603	8934
Load Shedding	2348	3212	1491
MSEDCL DEMAND (INCL. LS)	11425	12815	10425
TPCL GENERATION	1450	1325	879
REL GENERATION	525	526	526
TPCL+REL DEMAND	2662	2349	1514
STATE DEMAND MET	11739	11952	10448
STATE DEMAND (INCL. LS)	14087	15164	11939
Frequency (Hz)	49.82	49.84	50.02
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3634 MW at 17.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			66.84 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.34 Hz at 18.05 Hrs	49.49 Hz at 14.19 Hrs	49.93	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 24/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.52	36.31	69	44	65
Unit 2	1.40	15.62	68	15	55
Unit 3	1.51	36.69	73	48	70
Unit 4	0.00	19.58	0	0	0
Unit 5	1.96	49.88	135	12	50
Unit 6	2.65	48.67	130	85	120
Unit 7	2.52	69.23	130	55	120
	11.55	275.98			480
Bhusawal					
Unit 1	0.00	8.10	0	0	0
Unit 2	3.71	70.58	177	126	160
Unit 3	3.90	81.46	174	149	170
	7.61	160.14			330
Parli					
Unit 1	0.00	9.02	0	0	0
Unit 2	0.00	8.98	0	0	0
Unit 3	3.90	96.97	178	149	170
Unit 4	2.34	76.49	112	0	100
Unit 5	2.75	79.11	132	97	120
Unit 6	5.44	122.07	256	175	250
Unit 7	3.97	85.46	256	0	0
	18.40	478.11			640
Chandrapur					
Unit 1	0.14	0.14	34	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	3.90	99.33	182	135	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
	4.04	99.48			190
Paras					
Unit 2	0.00	7.95	0	0	0
Unit 3	5.50	135.36	243	198	240
Unit 4	0.00	59.99	0	0	0
	5.50	203.30			240
Khaparkheda					
Unit 1	4.04	98.49	190	140	210
Unit 2	3.24	84.67	175	0	180
Unit 3	3.93	97.58	185	144	180
Unit 4	3.88	86.55	168	154	180
	15.08	367.28			750
Nasik					
Unit 1	2.06	41.76	99	67	95
Unit 2	1.99	39.62	91	57	95
Unit 3	0.00	89.86	0	0	0
Unit 4	4.37	64.38	189	172	190
Unit 5	4.34	105.19	192	156	190
	12.76	340.81			570
Koyna					
Stage 1-2	1.20	51.99	255	30	600
Stage 4	0.00	70.90	0	0	250
Stage 3	0.80	29.81	160	0	320
	2.00	152.70			1170
Kovna 12&4 Total	1.20	122.89			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		16.14	378.44	682	658	640
		16.14	378.44			640
Hydro						
KDPH		0.00	3.26	0	0	0
VTRNA		0.00	5.35	0	0	60
TILLARI		0.00	0.00	0	0	0
BHTGR/VEER		0.00	1.29	0	0	0
BHIRA T.R.		0.42	5.38	41	0	40
RNGR+BHTSA		0.06	1.51	3	2	3
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.02	3.92	15	0	0
GHATGHAR		1.14	24.25	220	0	0
		1.64	44.95			103
PENCH (MS)						
Pench (MS)		0.05	3.85	23	0	0
		0.05	3.85			0
Wind						
MalharPeth		0.54	9.40			
Vankuswadi		1.48	20.08			
ATIT		0.19	6.84			
Kale		0.51	8.53			
Satara		2.46	15.77			
Shirala		0.35	8.51			
K Mahankal		0.09	13.90			
Supa		0.30	4.20			
Vita		3.04	49.26			
Dondaicha		4.11	102.48			
Sakri		0.70	16.90			
Nandurbar		0.63	13.22			
Khadakale		0.87	15.55			
Khaparale		0.63	12.53			
		15.91	297.15			
CPP						
TOTAL CPP		3.67	113.55			
		3.67	113.55			
Dabhol						
RGPPL		23.23	792.35	986	954	930
		23.23	792.35			930
Tata						
Trombay 4		0.00	43.44	0	0	0
Trombay 5		10.23	257.76	455	320	470
Trombay 6		4.12	172.56	260	150	500
Trombay 7A		2.91	68.25	123	116	120
Trombay 7B		1.58	36.17	67	65	60
Trombay 8		3.89	122.76	192	135	200
TATA Hydro		4.40	78.03	421	0	447
		27.13	778.96			1797
REL						
1&2		12.51	300.69	529	499	500
		12.51	300.69			500
Cent Sect						
Share						3468
						3468
MS PG CL	Thermal	74.94	1925.10			3200
	Thml+Gas	91.07	2303.54			3840
	Hydro	3.64	197.65			1273
	Total	94.72	2501.19			5113
State Total		177.22	4787.74			11808

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	3048	42	678	3768	972	971	172	3272	3539	-460	-444	8978	1555	10533	1850	12383	49.89
2	3154	37	682	3873	971	986	184	3120	3437	-330	-295	9156	1873	11029	1668	12697	50.01
3	3163	47	682	3892	970	966	178	3027	3402	-240	-205	9203	1763	10966	1578	12544	50.06
4	3226	42	682	3950	971	939	190	2932	3226	-146	-108	9168	1488	10656	1484	12140	50.10
5	3247	37	682	3966	970	854	155	2933	3098	-146	-109	8934	1491	10425	1514	11939	50.02
6	3256	47	677	3980	970	790	142	2933	3373	-146	-110	9145	1723	10868	1575	12443	49.85
7	3266	42	673	3981	970	740	144	3088	2899	-116	-78	8656	2591	11247	1668	12915	50.11
8	3307	68	674	4049	976	619	139	3159	3260	-183	-149	8894	2252	11146	1798	12944	50.06
9	3267	84	672	4023	973	586	156	3362	3902	-375	-353	9287	1920	11207	2024	13231	49.98
10	3204	94	674	3972	954	498	157	3801	4246	-694	-684	9143	2122	11265	2358	13623	49.90
11	3197	79	658	3934	954	510	161	3912	4492	-788	-775	9276	2164	11440	2640	14080	49.94
12	3178	74	660	3912	959	422	136	3773	4335	-694	-687	9077	2348	11425	2662	14087	49.82
13	3138	89	659	3886	962	467	141	3816	4139	-694	-704	8914	2578	11492	2642	14134	49.90
14	3142	48	665	3855	961	478	145	3791	4560	-694	-703	9319	2361	11680	2536	14216	49.81
15	2935	406	666	4007	960	481	150	3847	4287	-788	-798	9089	2546	11635	2567	14202	49.73
16	2938	408	663	4009	956	485	139	3740	4075	-788	-802	8862	2993	11855	2496	14351	49.82
17	2933	47	668	3648	960	577	142	3730	4337	-788	-799	8865	2988	11853	2463	14316	49.91
18	2997	78	673	3748	986	635	142	3636	3952	-694	-705	8758	2991	11749	2423	14172	49.94
19	3079	148	676	3903	983	781	145	3412	3564	-589	-591	8785	3205	11990	2376	14366	50.04
20	3084	453	673	4210	970	756	148	3472	4017	-495	-498	9603	3212	12815	2349	15164	49.84
21	3071	463	672	4206	972	746	142	3508	4304	-495	-436	9934	2712	12646	2279	14925	49.86
22	3060	448	680	4188	972	621	125	3498	4519	-495	-435	9990	2417	12407	2143	14550	49.84
23	3032	327	675	4034	972	470	167	3461	4818	-495	-434	10027	1914	11941	1985	13926	49.90
24	3019	33	671	3723	974	534	168	3350	4381	-495	-434	9346	1898	11244	1900	13144	50.05
MUs	74.94	3.64	16.14	94.72	23.24	15.91	3.67	82.57	94.16	-11.83	-11.34	220.41	55.10	275.51	50.98	326.49	49.93

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 24/Jun/2010

Position as on 6.30 Hrs of 25/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
Chandrapur Unit 1	210	08/04/2010	08.36	24/06/2010	02.48	Annual Overhaul	
Dabhol 2B	230	15/04/2010	01.40		Continued.	Control System modification work	25/06/2010
Chandrapur Unit 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	25/06/2010
Chandrapur Unit 2	210	18/04/2010	21.38		Continued.	Clinker Formation.	30/06/2010
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
Koradi Unit 5	200	21/06/2010	11.17	24/06/2010	00.39	Bunkering Problem.	
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 7	250	24/06/2010	14.18	24/06/2010	19.00	Steam problem.	
Khaparkheda Unit 2	210	24/06/2010	19.50	24/06/2010	23.00	Flame filure.	
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		Continued.	Rectifire fault	26/06/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2010

Position as on 6.30 Hrs of 25/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - II	12/06/2010	23.02		Continued.	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-S'Sarovar I	17/06/2010	00.15	24/06/2010	11.48	H/T for O/V
Dhule-Sar'Sarovar - II	20/06/2010	00.01	24/06/2010	10.36	Over Voltage
Dhule-Sar'Sarovar - II	24/06/2010	16.17		Continued.	H/T for O/V.
Dhule-Sar'Sarovar - I	24/06/2010	23.32		Continued.	H/T for O/V
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.
C'pur-Parli CKT .I	23/06/2010	06.47	24/06/2010	19.41	Replacement of Insulator.
Nagothane-Dabhol-I	24/06/2010	10.00	24/06/2010	16.30	B Ph.CVT replacement.
Lonikand-Karad	25/06/2010	00.58		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
220/132 KV, 100 MVA - ICT @ Bale.	03/06/2010	13.15	24/06/2010	12.52	Augumentation of ICT by 200MVA,kept on humming from HV side on dt.22/06/10
Bhandara-Kanhan ckt-I	24/06/2010	07.00	24/06/2010	16.32	Repl.of Insu.string.
Lonikand - Bhosari	24/06/2010	07.58	24/06/2010	18.53	Replacement of R Ph.L.A.
Jejuri-Phursungi	24/06/2010	08.55	24/06/2010	17.50	Breaker overhauling.
Nasik-Bablsr Ckt II	24/06/2010	09.14	24/06/2010	19.38	Insulator replacement.
Chinchwad-Theur	24/06/2010	09.38	24/06/2010	18.19	Q.M.Work.
Karad - Miraj	24/06/2010	10.20	24/06/2010	17.19	Replacement of L.A.
New parly-Nanded	24/06/2010	10.22	24/06/2010	13.07	Q.M.Work
220/132 KV 200 MVA ICT @ Kurkumb	24/06/2010	12.20	24/06/2010	19.05	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.
Karad-Lonikand.	24/06/2010	15.01	24/06/2010	16.21	Attending CB problem.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Hinjawadi-I - Hinjawadi-II	24/06/2010	17.10	24/06/2010	20.53	To attend sparking of coupling condenser.
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.
Nagothane-Dabhol-I	24/06/2010	17.22	24/06/2010	19.03	CB problem at Dabhol.
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 24/Jun/2010

Position as on 6.30 Hrs of 25/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khaparkheda					
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil tank burst.
Voltage Level : 132KV			Outage Type TRIPPED		
Akola-Drugwada	24/06/2010	15.42	24/06/2010	16.23	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	70
Unit 3	105	65
Unit 4	105	0
Unit 5	200	120
Unit 6	210	110
Unit 7	210	100
	1040	530
Bhusawal		
Unit 1	58	0
Unit 2	210	170
Unit 3	210	175
	478	345
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	170
Unit 4	210	0
Unit 5	210	100
Unit 6	250	250
Unit 7	250	
	1190	520
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	250
Unit 4	250	
	555	250
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	160
	840	640
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	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
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	0
ELDARY	23	0
SMLHY PTN	12	7
GHATGHAR	250	0
	611	50
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	460
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	200
TATA Hydro	444	447
	2024	1787
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3504
	3143	3504

	17376	7 of 7	11586
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