



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Jun/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.825	1023.639	1) Madhya Pradesh	60.905	542.066
2) Hydro	3.681	91.407	2) Gujrat	5.079	105.798
3) Gas	11.104	108.841	3) Goa	-6.473	-56.036
Total MSGENCO	130.610	1223.887	4) TAPS 1&2 (Inj.)	7.869	70.579
B) OTHERS			5) Pench (Excess)	-0.665	-3.292
1) RGPPL Gas	39.445	302.427	# Total Cent. Sector	66.715	659.115
2) Wind Generation	9.817	69.255	F) Other Exchanges		
3) CPP	25.586	231.758	1) With TPCL (Excess)	-9.900	-93.522
4) PENCH (MS)	0.665	3.292	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.955	160.341
1) TPCL Thermal	27.695	258.217	Include PX	0.000	0.000
2) TPCL Hydro	5.124	39.372	2) MUMBAI Bilateral	10.397	102.915
TOTAL TPCL	32.819	297.589	Include PX	-2.309	-3.470
3) REL Thermal	12.541	112.130	3) MUMBAI Schedule	10.397	102.915
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	156.061	1393.986	1) MSEDCL	262.938	2396.212
2) Hydro (A2+B3+C2)	9.470	134.071	2) TPCL	36.725	332.897
3) Gas (A3+B1)	50.549	411.268	3) REL	18.534	170.327
4) Wind (B2)	9.817	69.255	TOTAL STATE	318.197	2899.436
5) CPP (B3)	25.586	231.758			
TOTAL STATE	251.483	2240.338			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5045	4945	4648
MSGENCO Hydro	244	236	102
MSGENCO Gas	469	467	465
MSGENCO Total Generation	5758	5648	5215
Central Sector Receipt	2859	2881	2753
RGPPL	1650	1656	1663
WIND	425	609	173
CPP	1071	1076	1062
Exchange with Mumbai	-621	-470	-170
MSEDCL DEMAND MET	11175	11445	10719
Load Shedding (LS)	31	21	0
MSEDCL DEMAND (INCL. LS)	11206	11466	10719
TPCL GENERATION	1739	1477	1015
REL GENERATION	524	523	522
TPCL+REL DEMAND	2884	2470	1707
STATE DEMAND MET	14059	13915	12426
Load Management (LM)	1781	2708	1396
Total Load Relief (LS+LM)	1812	2729	1396
UNRESTRICTED STATE DEMAND	15871	16644	13822
Frequency (Hz)	49.85	49.95	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.35 Hz at 07.02 Hrs	49.38 Hz at 14.36 Hrs	49.91	0 % of Time(min)

* 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 09/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.37	22.30	153	0	30
Unit 6	3.95	36.34	188	138	170
Unit 7	4.41	27.78	195	175	175
	10.73	86.41			375
Bhusawal					
Unit 2	4.03	25.36	175	160	170
Unit 3	3.82	38.24	180	140	165
Unit 4		0.00	0	0	
	7.84	63.60			335
Parli					
Unit 3	2.82	27.00	140	97	110
Unit 4	2.78	25.77	135	83	130
Unit 5	3.68	25.37	175	132	150
Unit 6	2.37	33.88	146	72	110
Unit 7	0.00	27.18	0	0	0
	11.64	139.21			500
Chandrapur					
Unit 1	3.84	18.30	170	154	150
Unit 2	3.62	33.44	158	141	160
Unit 3	4.40	17.60	193	172	190
Unit 4	3.94	33.54	178	123	180
Unit 5	9.14	84.82	415	345	370
Unit 6	9.01	84.04	405	333	400
Unit 7	9.14	86.04	400	332	350
	43.08	357.78			1800
Paras					
Unit 3	5.16	46.64	228	197	230
Unit 4	5.38	48.63	254	121	230
	10.54	95.27			460
Khaparkheda					
Unit 1	4.53	41.82	205	165	190
Unit 2	4.42	37.96	191	180	172
Unit 3	1.15	39.67	194	0	191
Unit 4	5.26	46.58	224	200	192
Unit 5		0.00	0	0	
	15.36	166.02			745
Nasik					
Unit 1	2.13	15.35	97	80	71
Unit 2	1.98	10.62	98	50	71
Unit 3	4.32	24.39	205	155	152
Unit 4	4.17	31.99	192	154	162
Unit 5	4.05	32.99	194	134	152
	16.64	115.34			608
Uran					
All Units	11.10	108.84	470	456	445
	11.10	108.84			445
Dabhol					
RGPPL	39.44	302.43	1668	1388	1550
	39.44	302.43			1550
Koyna					
Stage 1-2	1.12	26.79	115	35	600
Stage 4	0.00	30.31	0	0	250
Stage 3	0.00	12.34	0	0	320
	1.12	69.45			1170
Kovna 12&4 Total	1.12	57.10			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.35	1.65	16	14	15
VTRNA	0.93	3.23	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.30	2.44	82	0	80
RNGR+BHTSA	0.26	2.27	11	11	10
BHANDARDRA	0.62	5.69	26	25	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.09	1.99	10	0	16
GHATGHAR	0.00	4.69	0	0	0
	2.56	21.96			201
PENCH (MS)					
Pench (MS)	0.66	3.29	48	0	
	0.66	3.29			
Wind					
MalharPeth	0.18	1.22			
Vankuswadi	0.62	3.95			
ATIT	0.12	0.72			
Kale	0.33	1.99			
Satara	1.77	8.37			
Shirala	0.38	2.22			
K Mahankal	0.07	3.01			
Supa	0.19	1.05			
Vita	2.58	17.98			
Dondaicha	1.75	16.92			
Sakri	0.19	2.28			
Nandurbar	0.28	2.55			
Khandke	1.14	5.01			
Khaparale	0.21	1.98			
	9.82	69.26			
CPP					
JSW JAIGAD	12.92	130.98	565	481	725
WARDHA	9.09	66.24	394	346	380
Other CPPs	3.58	34.54			
	25.59	231.76			1105
Tata					
Trombay 4	0.00	0.00	0	0	
Trombay 5	11.39	104.74	490	420	500
Trombay 6	7.34	64.70	500	150	500
Trombay 7A	2.59	25.40	119	94	60
Trombay 7B	1.50	14.14	66	59	120
Trombay 8	4.88	49.25	250	150	250
TATA Hydro	5.12	39.37	390	0	447
	32.82	297.59			1877
REL					
1&2	12.54	112.13	524	521	500
	12.54	112.13			500
Cent Sect					
Share					3050
					3050

MS PG CL	Thermal	115.82	1023.64		4823
	Thml+Gas	126.93	1132.48		5268
	Hydro	3.68	91.41		1371
	Total	130.61	1223.89		6639
State Total		251.48	2240.34		14721

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Jun/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	4742	97	464	5303	1652	308	1073	2680	3078	-456	-488	10973	1643	10973	2113	14729	49.88
2	4699	92	464	5255	1657	297	1083	2583	2804	-337	-321	10822	1508	10822	1919	14249	49.97
3	4623	92	465	5180	1659	212	999	2543	2844	-281	-239	10678	1377	10678	1797	13852	49.99
4	4648	102	465	5215	1663	173	1062	2497	2753	-232	-170	10719	1396	10719	1707	13822	50.08
5	4624	97	465	5186	1657	241	1043	2447	2778	-194	-163	10742	1446	10742	1696	13884	49.92
6	4667	92	459	5218	1653	281	1103	2418	3178	-177	-196	11237	1524	11237	1733	14494	49.83
7	4578	107	458	5143	1655	231	1010	2798	2963	-269	-264	10738	1761	10738	1754	14253	49.90
8	4706	153	458	5317	1658	314	1067	2835	2970	-308	-329	10997	1761	10997	1899	14657	50.03
9	4754	157	456	5367	1652	439	1109	2882	2852	-357	-401	11018	1761	11018	2192	14971	49.87
10	4890	172	466	5528	1661	461	1095	3038	2527	-393	-412	10860	1754	10860	2579	15193	50.05
11	5000	215	460	5675	1655	408	1098	3225	2697	-478	-540	10993	1808	10993	2801	15602	49.96
12	5045	244	469	5758	1650	425	1071	3323	2859	-579	-621	11175	1812	11206	2884	15871	49.85
13	4974	190	466	5630	1653	433	1089	3322	2785	-584	-621	11016	1880	11120	2847	15743	49.85
14	4903	160	463	5526	1662	466	1059	3227	2524	-500	-557	10727	1864	10815	2757	15348	49.95
15	4929	155	460	5544	1643	460	1018	3136	2763	-511	-498	10978	1628	11058	2740	15346	49.73
16	4913	160	468	5541	1648	438	1051	3041	2477	-527	-474	10729	1603	10832	2687	15019	49.85
17	4879	155	459	5493	1656	428	1068	3026	2895	-511	-473	11114	1621	11259	2639	15374	49.97
18	4904	170	459	5533	1659	429	1061	3002	2483	-480	-443	10733	1843	10898	2604	15180	50.02
19	4898	215	460	5573	1668	544	1090	2824	2292	-476	-414	10764	2531	10849	2504	15799	50.10
20	4945	236	467	5648	1656	609	1076	2975	2881	-526	-470	11445	2729	11466	2470	16644	49.95
21	4915	160	464	5539	1652	759	1089	3033	2834	-580	-482	11438	2719	11438	2393	16550	49.87
22	4934	165	461	5560	1645	531	1087	3055	2939	-597	-514	11295	2719	11295	2253	16267	49.77
23	4888	130	458	5476	1643	523	1027	2872	2622	-521	-391	10947	2719	10947	2202	15868	49.77
24	4767	165	470	5402	1388	407	1058	2764	2916	-521	-419	10799	2432	10799	2090	15321	49.78
MUs	115.8 2	3.68	11.10	130.61	39.44	9.82	25.59	69.55	66.71	-10.40	-9.90	262.94	45.84	263.76	55.26	364.04	49.91

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 09/Jun/2011

Position as on 6.30 Hrs of 10/Jun/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
Koyna Unit 8	80	09/06/2011	07.10	09/06/2011	19.55	Maint. Work.	
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	14/06/2011
CPP JSW (J) U3	300	06/06/2011	04.00	10/06/2011	02.51	CEP break down.	
Koradi Unit 5	200	06/06/2011	10.10	09/06/2011	04.50	Economiser Tube Leakage.	
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	
Parli Unit 7	250	08/06/2011	13.09		Continued.	Boiler Validity and GT Breaker work	
Cent_Sect NTPC(V) 9	500	08/06/2011	22.18		Continued.	Boiler Tube Leakage	10/06/2011
Khaparkheda Unit 3	210	09/06/2011	05.56		Continued.	Furnace Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jun/2011

Position as on 6.30 Hrs of 10/Jun/2011

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 - Wardha - I	03/06/2011	00.17		Continued.	Over Voltage.
Kolhapur - Mapusa - II	08/06/2011	21.55	09/06/2011	09.58	Over Voltage
Dhule-Sar'Sarovar - II	08/06/2011	22.55		Continued.	Over Voltage
Kolhapur - Mapusa - I	09/06/2011	22.15		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur - Mapusa - I	09/06/2011	16.04	09/06/2011	16.44	Bus Fault @ 400 KV Kolhapur S/S.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT @ Bhusawal	04/06/2011	10.02		Continued.	R Ph. L V Side Bushing Work.
400/220 KV 315 MVA ICT-II @ Nagothane.	09/06/2011	09.14	09/06/2011	17.50	Testing Work.
Lonikand - Parli - I	09/06/2011	09.27	09/06/2011	18.28	Testing & Tandelta of C T/C V T.
Main Bus - I @ Chakan	09/06/2011	10.57	09/06/2011	18.00	Tightening of Hanger Rod.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.
220/132KV 100 MVA ICT-I @ Parbhani	21/05/2011	09.10	09/06/2011	15.09	Augmentation from 100 to 200 MVA Upto 6.6.2011.
Chandrapur-Warora - I	07/06/2011	09.40		Continued.	To control Warora-Wardha and Warora -Hinganghat Over loading.
Pusad-Nanded	09/06/2011	06.51	09/06/2011	20.31	Powergrid Line Crossing Work.
Parli Ext.-Nanded	09/06/2011	07.01	09/06/2011	21.10	Powergrid Line Crossing Work.
C' Enka - Khadki	09/06/2011	08.48	09/06/2011	14.34	Eirthwire Shifting Work.
Bus Sectioniser @ Apta	09/06/2011	09.30	09/06/2011	18.50	Hot Spot Attending Work.
220/132 KV 200MVA T/F II at Lonand	09/06/2011	09.34	09/06/2011	12.03	Hot Spot Attending Work & Premansoon Maint.
Main Bus Section - I @ Theur	09/06/2011	09.40	09/06/2011	18.45	Attending Hot Spot.
Nagothane-IPCL	09/06/2011	09.53	09/06/2011	13.21	Premansoon & Testing Work.
Hinjawadi-I - Hinjawadi-II	09/06/2011	10.50	09/06/2011	18.52	Isolator Alignment & Testing Work.
RLY TSS CKT-I AT WARORA	09/06/2011	10.50	09/06/2011	12.50	Attending Hot Spot on R Ph. Jumper.
Theur-Chinchwad	09/06/2011	11.15	09/06/2011	19.42	Q.M.Work.
220/132 KV 200 MVA ICT - I @ Ranjangaon	09/06/2011	11.30	09/06/2011	14.52	Tendelta Measurment.
Bhugaon-Pusad	09/06/2011	12.06	09/06/2011	19.55	PGCIL Outage for Crossing of 400KV Wardha-Raipur-I & II & 400KV Wardha -Parli-I & II Lines.
Wardha - Yawatmal	09/06/2011	12.09	09/06/2011	19.43	Powergrid Line Crossing Work.
220/132KV 100 MVA ICT II at Pusad	09/06/2011	13.47	09/06/2011	17.35	Testing Work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa - Salshet - I	09/06/2011	08.23	09/06/2011	13.00	Hot Spot Attending Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jun/2011

Position as on 6.30 Hrs of 10/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Kolhapur - I	04/06/2011	11.37	09/06/2011	16.37	Over Voltage.
Bhusawal- Aurangabad	08/06/2011	18.36	09/06/2011	05.45	Over Voltage
Bhusawal- Aurangabad	09/06/2011	22.01	10/06/2011	05.53	Over Voltage.
Lonikand- Koyna Stage IV	10/06/2011	02.22		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Kolhapur - I	09/06/2011	16.04		Continued.	Bus Fault @ 400KV Kolhapur S/S.
Bus Coupler @ 400 KV Kolhapur	09/06/2011	16.04	09/06/2011	17.37	Bus Fault @ 400KV Kolhapur S/S.
400/220 KV 315MVA ICT-II @ Kolhapur	09/06/2011	16.04	09/06/2011	17.33	Bus Fault @ 400KV Kolhapur S/S.
400/220 KV 600 MVA ICT-II @ Kalwa	09/06/2011	20.49	09/06/2011	22.30	NDR.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Hingoli-Parbhani	08/06/2011	18.39	09/06/2011	11.52	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Hingna-Mankapur-I	09/06/2011	18.00	09/06/2011	18.20	Due Flash Over of CC OF 132KV Ambazary.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	140
Unit 6	210	175
Unit 7	210	185
	620	500
Bhusawal		
Unit 2	210	170
Unit 3	210	165
Unit 4	0	
	420	335
Parli		
Unit 3	210	115
Unit 4	210	100
Unit 5	210	125
Unit 6	250	70
Unit 7	250	0
	1130	410
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	180
Unit 4	210	180
Unit 5	500	325
Unit 6	500	350
Unit 7	500	350
	2340	1695
Paras		
Unit 3	250	230
Unit 4	250	250
	500	480
Khaparkheda		
Unit 1	210	210
Unit 2	210	190
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	610
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	180
Unit 5	210	180
	870	730
Uran		
All Units	852	445
	852	445
Dabhol		
RGPP	1940	1550
	1940	1550
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	16

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	25
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	
	611	203
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	645
WARDHA	405	360
Other CPPs	0	
	1005	1005
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3145
	3455	3145