



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Jun/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.769	887.036	1) Madhya Pradesh	67.512	542.160
2) Hydro	7.868	78.094	2) Gujrat	6.894	102.802
3) Gas	13.333	116.342	3) Goa	-5.386	-45.188
Total MSGENCO	132.970	1081.472	4) TAPS 1&2 (Inj.)	6.683	53.787
B) OTHERS			5) Pench (Excess)	-0.155	-0.388
1) RGPPL Gas	22.338	176.276	# Total Cent. Sector	75.548	653.173
2) Wind Generation	21.021	124.541	F) Other Exchanges		
3) PENCH (MS)	0.155	0.388	1) With TPCL	-8.669	-62.696
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.747	240.735	1) MSEDCL Bilateral	7.670	63.798
2) TPCL Hydro	4.307	35.280	Include PX	0.113	0.323
TOTAL TPCL	35.054	276.015	2) MUMBAI Bilateral	8.508	61.160
3) REL Thermal	12.589	100.644	Include PX	3.600	19.789
D) STATE			3) MUMBAI Schedule	8.783	62.560
1) Thermal (A1+C1+C3)	155.105	1228.415	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	12.330	113.762	1) MSEDCL	243.363	1973.542
3) Gas (A3+B1)	35.671	292.618	2) TPCL	37.326	291.124
4) Wind (B2)	21.021	124.541	3) REL	18.984	148.225
TOTAL STATE	224.127	1759.336	TOTAL STATE	299.673	2412.891

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4610	4741	4544
MSGENCO Hydro	116	1306	74
MSGENCO Gas	595	533	542
MSGENCO Total Generation	5321	6580	5160
Central Sector Receipt	3560	2937	2696
RGPPL	927	930	935
WIND	939	777	972
Exchange with TPCL	-577	-247	-70
MSEDCL DEMAND MET	10195	10977	9693
Load Shedding	2091	2551	0
MSEDCL DEMAND (INCL. LS)	12286	13528	9693
TPCL GENERATION	1650	1679	1188
REL GENERATION	522	522	527
TPCL+REL DEMAND	2749	2448	1785
STATE DEMAND MET	12944	13425	11478
STATE DEMAND (INCL. LS)	15035	15976	11478
Frequency (Hz)	49.69	49.41	50.03
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2959 MW At 21.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			40.75 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.35 Hz at 19.03 Hrs	49.03 Hz at 22.09 Hrs	49.74	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 08/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	8.73	0	0	0
Unit 3	1.20	8.89	68	37	50
Unit 4	0.24	4.04	40	0	25
Unit 5	3.65	28.76	167	125	140
Unit 6	3.66	16.18	171	125	140
Unit 7	3.41	30.57	172	119	140
	12.16	97.17			495
Bhusawal					
Unit 1	1.13	9.56	54	34	40
Unit 2	4.03	29.51	178	149	170
Unit 3	4.11	33.70	180	162	175
	9.27	72.77			385
Parli					
Unit 1	0.56	4.02	24	22	20
Unit 2	0.54	4.31	23	22	20
Unit 3	3.57	23.40	155	140	140
Unit 4	3.79	29.61	170	150	150
Unit 5	3.99	31.56	186	140	160
Unit 6	0.00	0.58	0	0	0
	12.44	93.49			490
Chandrapur					
Unit 1	3.96	32.11	176	155	165
Unit 2	3.83	31.45	169	144	165
Unit 3	4.01	32.75	197	128	165
Unit 4	3.66	27.11	168	135	150
Unit 5	9.17	70.78	408	341	400
Unit 6	9.58	54.73	445	378	400
Unit 7	10.01	80.26	444	395	450
	44.21	329.18			1895
Paras					
Unit 2	0.54	3.92	25	20	22
Unit 3	4.50	35.37	205	175	165
	5.04	39.29			187
Khaparkheda					
Unit 1	4.16	34.62	183	166	170
Unit 2	4.20	30.32	187	170	170
Unit 3	4.16	27.56	183	171	170
Unit 4	4.23	35.13	201	168	170
	16.76	127.62			680
Nasik					
Unit 1	1.80	15.98	90	55	90
Unit 2	1.32	11.77	72	41	70
Unit 3	0.00	30.08	0	0	0
Unit 4	4.59	35.61	200	174	180
Unit 5	4.18	34.07	183	162	180
	11.89	127.51			520
Uran					
All Units	13.33	116.34	659	511	600
	13.33	116.34			600
Koyna					
Stage 1-2	1.86	18.45	220	35	600
Stage 4	3.77	36.56	840	0	250
Kovna 12&4 Total	5.63	55.02			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.07	12.15	240	0	320
	6.69	67.16			1170
Hydro					
KDPH	0.00	0.55	0	0	0
VTRNA	0.25	1.67	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.22	2.31	9	9	9
BHIRA T.R.	0.17	1.76	47	0	80
RNGR+BHTSA	0.28	2.21	13	10	12
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.46	10	0	10
GHATGHAR	0.20	1.97	125	0	0
	1.18	10.93			171
PENCH (MS)					
Pench (MS)	0.16	0.39	27	0	
	0.16	0.39			
Wind					
MalharPeth	0.55	3.42			
Vankuswadi	1.80	8.73			
ATIT	0.35	1.84			
Kale	0.14	0.77			
Satara	1.52	6.29			
Shirala	0.49	2.71			
K Mahankal	0.09	1.96			
Supa	0.43	1.71			
Vita	2.33	15.56			
Dondaicha	8.81	51.63			
Sakri	1.45	9.74			
Nandurbar	1.10	8.39			
Khadakale	1.14	6.12			
Khaparale	0.82	5.66			
	21.02	124.54			
Dabhol					
RGPP L II	22.34	176.28	936	923	880
RGPP L III		0.00	0	0	
	22.34	176.28			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	96.81	505	505	500
Trombay 6	11.14	90.49	510	300	500
Trombay 7A	2.92	23.14	124	119	120
Trombay 7B	1.62	12.88	68	67	60
Trombay 8	2.95	17.41	164	0	250
TATA Hydro	4.31	35.28	448	2	447
	35.05	276.02			1877
REL					
1&2	12.59	100.64	527	522	500
	12.59	100.64			500
Cent Sect					
Share					2975
					2975

MS PG CL	Thermal	111.77	887.04		4652
	Thml+Gas	125.10	1003.38		5252
	Hydro	7.87	78.09		1341
	Total	132.97	1081.47		6593
State Total		224.13	1759.34		12825

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Jun/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	4549	189	542	5280	936	772	2952	3016	-307	-310	9694	796	10490	2143	12633	49.77
2	4499	135	543	5177	934	752	2766	2720	-143	-142	9441	745	10186	1966	12152	49.84
3	4537	69	543	5149	936	759	2634	2728	-72	-70	9502	268	9770	1833	11603	49.88
4	4544	74	542	5160	935	972	2634	2696	-72	-70	9693	0	9693	1785	11478	50.03
5	4612	59	541	5212	934	1008	2635	2803	-72	-69	9888	0	9888	1732	11620	49.87
6	4677	64	536	5277	936	1131	2635	2983	-72	-74	10253	0	10253	1758	12011	49.83
7	4771	64	626	5461	935	968	2627	2883	-72	-75	10172	119	10291	1764	12055	49.88
8	4712	59	659	5430	936	937	2728	2888	-72	-74	10117	298	10415	1799	12214	49.82
9	4686	79	655	5420	934	883	2725	3044	-72	-70	10211	994	11205	2080	13285	50.00
10	4683	72	638	5393	929	994	3092	3509	-431	-425	10400	1241	11641	2454	14095	49.85
11	4610	116	595	5321	927	939	3089	3560	-583	-577	10195	2091	12286	2749	15035	49.69
12	4702	105	535	5342	927	836	3135	3372	-630	-618	9884	2780	12664	2792	15456	49.65
13	4716	62	540	5318	926	994	3324	3480	-768	-765	9978	2779	12757	2851	15608	49.76
14	4701	57	540	5298	932	702	3342	3455	-736	-736	9676	2877	12553	2795	15348	49.77
15	4616	97	537	5250	928	854	3343	3426	-689	-719	9766	2882	12648	2816	15464	49.65
16	4660	77	531	5268	923	693	3343	3372	-689	-677	9605	2454	12059	2870	14929	49.75
17	4619	192	531	5342	925	884	3349	3779	-691	-690	10242	2226	12468	2829	15297	49.72
18	4666	179	532	5377	923	841	3236	3639	-592	-583	10197	2130	12327	2675	15002	49.71
19	4700	274	538	5512	929	996	2929	3168	-293	-283	10322	2092	12414	2508	14922	49.87
20	4749	842	534	6125	929	743	2904	3136	-269	-260	10673	2696	13369	2503	15872	49.58
21	4741	1306	533	6580	930	777	2936	2937	-269	-247	10977	2551	13528	2448	15976	49.41
22	4734	1273	532	6539	931	819	2932	2786	-263	-253	10822	2348	13170	2400	15570	49.50
23	4674	1222	519	6415	931	788	3164	3147	-453	-429	10852	1597	12449	2399	14848	49.44
24	4611	1202	511	6324	932	979	3181	3021	-472	-453	10803	1136	11939	2363	14302	49.43
MUs	111.77	7.87	13.33	132.97	22.34	21.02	71.64	75.55	-8.78	-8.67	243.36	37.10	280.46	56.31	336.78	49.74

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 08/Jun/2009

Position as on 6.30 Hrs of 09/Jun/2009

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)	31/03/2010
Cent_Sect NTPC(V-10)	500	25/05/2009	08.50		Continued.	Capital overhaul	26/06/2009
Cent_Sect NTPC(K-3)	210	01/06/2009	00.00		Continued.	Annual Overhaul	06/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Boiler Tube Leakage	07/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	25/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 1	105	21/05/2009	08.49	09/06/2009	01.36	Hot Spot in Windbox.	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Bearing Vibration.	30/06/2009
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	15/06/2009
Cent_Sect NTPC(V-4)	210	07/06/2009	00:34	09/06/2009	03:00	Loss of Excitation.	
Koradi Unit 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	13/06/2009
Koradi Unit 4	115	07/06/2009	17.07	08/06/2009	02.03	Boiler Trip.	
Cent_Sect TARAPUR-3	540	07/06/2009	18:35		Continued.	Testing Work.	15/06/2009
Koradi Unit 4	115	08/06/2009	09.54		Continued.	Boiler Tube Leakage	10/06/2009
Tata Trombay 8	250	08/06/2009	09.55	08/06/2009	13.01	Boiler Feed Pump Problem	
Uran Unit 5	108	08/06/2009	10.55		Continued.	A1 Boiler expansion joint replacement work	
Koyna Unit 8	80	09/06/2009	01.10	09/06/2009	01.40	Excitation Problem	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jun/2009

Position as on 6.30 Hrs of 09/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Momewadi -Halkarni	08/06/2009	10.30	08/06/2009	15.08	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
Koradi-Bhilai	08/06/2009	11.33	08/06/2009	11.49	Distance protection, Tripped at Koradi end only
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad-Lonikhand	08/06/2009	12.54	08/06/2009	15.18	Hot Spot
Main Bus -I at Kolhapur	08/06/2009	13.00		Continued.	Maintenance work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Apta-Uran-II	05/06/2009	09.31		Continued.	Tower shifting work
URAN_HOCL	05/06/2009	09:48		Continued.	Tower shifting work
Chandrapur - Warora - II.	05/06/2009	13:28	08/06/2009	05.58	Relay Retrofitting Work.
Pophali-K'gaon	08/06/2009	08.17	08/06/2009	16.25	Bay Maintenance work.
ONGC-TSS	08/06/2009	09.10	08/06/2009	16.45	To attend oil leakage.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malkapur - Bhusawal	07/06/2009	10.01	08/06/2009	16.24	Relay Retrofitting Work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE II - CHDPR	08/06/2009	18.42	08/06/2009	22.10	Thyristor Value Work.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
Warora-Hinganghat	05/06/2009	13:40	08/06/2009	06.01	H/T For Line Loading.
Pusad - Parbhani	07/06/2009	18.01	08/06/2009	06.00	To control C'Pur-Warora-I loading
Voltage Level : 400KV			Outage Type TRIPPED		
KALWA-LONIKAND	04/06/2009	07.23		Continued.	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Pophali-KDPH	09/06/2009	01.10	09/06/2009	02.00	Distance Protection
Vankuswadi-KDPH	09/06/2009	01.10	09/06/2009	01.50	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	0
Unit 3	105	60
Unit 4	105	0
Unit 5	200	160
Unit 6	210	150
Unit 7	210	140
	1040	580
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	175
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	145
Unit 4	210	150
Unit 5	210	160
Unit 6	250	0
	940	495
Chandrapur		
Unit 1	210	160
Unit 2	210	165
Unit 3	210	210
Unit 4	210	170
Unit 5	500	400
Unit 6	500	425
Unit 7	500	450
	2340	1980
Paras		
Unit 2	55	27
Unit 3	250	175
	305	202
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	90
Unit 2	120	70
Unit 3	210	0
Unit 4	210	180
Unit 5	210	180
	870	520
Uran		
All Units	852	500
	852	500
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	171
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	
Dabhol		
RGPPPL II	960	892
RGPPPL III	740	
	1700	892
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	60
Trombay 8	250	150
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2923
	3143	2923

	17616	12775
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