



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 05/Jun/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	105.330	550.256	1) Madhya Pradesh	66.237	342.000
2) Hydro	13.714	56.194	2) Gujrat	13.615	74.107
3) Gas	15.240	74.195	3) Goa	-5.992	-30.580
Total MSGENCO	134.284	680.645	4) TAPS 1&2 (Inj.)	6.730	33.702
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	22.235	109.354	# Total Cent. Sector	80.590	419.229
2) Wind Generation	14.030	73.892	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-11.137	-40.055
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.475	151.984	1) MSEDCL Bilateral	7.400	40.921
2) TPCL Hydro	4.393	27.587	Include PX	0.110	0.110
TOTAL TPCL	32.868	179.571	2) MUMBAI Bilateral	10.215	38.072
3) REL Thermal	12.566	62.896	Include PX	3.118	10.558
D) STATE			3) MUMBAI Schedule	11.340	39.197
1) Thermal (A1+C1+C3)	146.371	765.136	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.107	83.781	1) MSEDCL	240.002	1243.065
3) Gas (A3+B1)	37.475	183.549	2) TPCL	37.365	188.006
4) Wind (B2)	14.030	73.892	3) REL	19.213	94.518
TOTAL STATE	215.983	1106.358	TOTAL STATE	296.580	1525.589

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	4413	4430	4318
MSGENCO Hydro	533	999	227
MSGENCO Gas	630	636	645
MSGENCO Total Generation	5576	6065	5190
Central Sector Receipt	3619	3293	3146
RGPPL	926	928	930
WIND	395	688	691
Exchange with TPCL	-596	-348	-137
MSEDCL DEMAND MET	9920	10626	9820
Load Shedding	3625	3294	1430
MSEDCL DEMAND (INCL. LS)	13545	13920	11250
TPCL GENERATION	1595	1599	1178
REL GENERATION	525	521	523
TPCL+REL DEMAND	2716	2468	1838
STATE DEMAND MET	12636	13094	11658
STATE DEMAND (INCL. LS)	16261	16388	13088
Frequency (Hz)	49.66	49.52	49.77
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4365 MW At 12.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			75.56 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.29 Hz at 19.02 Hrs	49.07 Hz at 19.42 Hrs	49.68	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 05/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	0.96	7.36	54	24	50
Unit 3	0.87	5.92	51	10	50
Unit 4	0.96	2.44	69	9	60
Unit 5	3.96	17.58	170	144	170
Unit 6	0.00	9.38	0	0	0
Unit 7	4.30	18.53	192	162	180
	11.06	61.19			510
Bhusawal					
Unit 1	1.22	6.01	55	48	50
Unit 2	4.00	17.57	174	159	170
Unit 3	4.30	21.36	184	171	175
	9.52	44.94			395
Parli					
Unit 1	0.46	2.30	25	0	20
Unit 2	0.55	2.70	24	21	20
Unit 3	3.47	12.81	149	137	140
Unit 4	3.71	18.38	158	150	150
Unit 5	3.92	19.75	176	155	160
Unit 6	0.03	0.58	24	0	0
	12.14	56.53			490
Chandrapur					
Unit 1	4.08	20.14	178	166	165
Unit 2	3.96	19.66	168	162	165
Unit 3	4.28	20.03	201	147	180
Unit 4	3.64	15.85	180	104	190
Unit 5	9.27	44.36	421	336	400
Unit 6	0.00	29.91	0	0	0
Unit 7	10.95	50.23	474	445	450
	36.18	200.19			1550
Paras					
Unit 2	0.53	2.56	24	20	20
Unit 3	3.68	21.56	236	0	180
	4.21	24.13			200
Khaparkheda					
Unit 1	4.32	21.40	202	167	170
Unit 2	4.34	17.28	198	170	170
Unit 3	2.54	19.83	174	0	170
Unit 4	4.46	21.94	209	169	170
	15.66	80.46			680
Nasik					
Unit 1	1.79	10.36	92	55	45
Unit 2	1.35	7.44	70	46	70
Unit 3	4.59	21.64	198	184	175
Unit 4	4.50	21.94	194	180	185
Unit 5	4.34	21.44	186	172	175
	16.57	82.82			650
Uran					
All Units	15.24	74.20	650	616	630
	15.24	74.20			630
Koyna					
Stage 1-2	2.85	13.15	315	30	600
Stage 4	7.06	26.54	826	0	250
Kovna 12&4 Total	9.92	39.69			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.62	8.90	204	0	320
	12.53	48.59			1170
Hydro					
KDPH	0.00	0.55	0	0	0
VTRNA	0.16	1.04	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.31	1.66	13	13	10
BHIRA T.R.	0.34	1.20	82	0	80
RNGR+BHTSA	0.25	1.39	11	10	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.05	0.29	10	0	8
GHATGHAR	0.07	1.48	67	0	0
	1.18	7.60			169
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.31	2.20			
Vankuswadi	0.74	5.20			
ATIT	0.31	1.22			
Kale	0.06	0.40			
Satara	0.37	3.42			
Shirala	0.28	1.71			
K Mahankal	0.26	1.64			
Supa	0.16	1.04			
Vita	1.92	10.60			
Dondaicha	6.30	27.78			
Sakri	0.99	5.83			
Nandurbar	1.09	5.20			
Khadakale	0.58	4.10			
Khaparale	0.66	3.55			
	14.03	73.89			
Dabhol					
RGPP L II	22.24	109.35	935	911	875
RGPP L III	0.00	0.00	0	0	
	22.24	109.35			875
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.10	60.54	505	490	500
Trombay 6	11.95	57.32	510	430	500
Trombay 7A	2.83	14.38	124	105	120
Trombay 7B	1.59	8.04	68	60	60
Trombay 8	0.00	11.69	0	0	0
TATA Hydro	4.39	27.59	432	2	447
	32.87	179.57			1627
REL					
1&2	12.57	62.90	526	520	500
	12.57	62.90			500
Cent Sect					
Share					3081
					3081

MS PG CL	Thermal	105.33	550.26		4475
	Thml+Gas	120.57	624.45		5105
	Hydro	13.71	56.19		1339
	Total	134.28	680.64		6444
State Total		215.98	1106.36		12527

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	4450	1063	639	6152	931	759	3154	3158	-402	-413	10587	1113	11700	2203	13903	49.47
2	4293	1028	639	5960	930	748	2955	3137	-214	-222	10553	1117	11670	2016	13686	49.47
3	4290	612	647	5549	931	675	2876	3118	-120	-136	10137	1207	11344	1886	13230	49.80
4	4318	227	645	5190	930	691	2831	3146	-120	-137	9820	1430	11250	1838	13088	49.77
5	4252	233	644	5129	931	534	2819	3214	-128	-133	9675	1625	11300	1804	13104	49.68
6	4288	772	645	5705	935	694	2834	2968	-128	-149	10153	1809	11962	1819	13781	49.63
7	4427	288	647	5362	931	702	2842	2725	-128	-145	9575	3006	12581	1794	14375	49.83
8	4494	78	650	5222	930	481	2949	2957	-128	-144	9446	3150	12596	1846	14442	49.90
9	4479	63	642	5184	930	531	2947	3142	-218	-235	9552	3507	13059	2095	15154	49.90
10	4494	160	640	5294	929	511	3323	3358	-576	-593	9499	3767	13266	2478	15744	49.64
11	4413	533	630	5576	926	395	3447	3619	-576	-596	9920	3625	13545	2716	16261	49.66
12	4420	881	630	5931	926	391	3456	3536	-670	-663	10121	3562	13683	2792	16475	49.50
13	4392	836	620	5848	911	392	3686	3570	-871	-831	9890	3516	13406	2799	16205	49.49
14	4415	651	626	5692	921	325	3774	3845	-909	-834	9949	3501	13450	2743	16193	49.63
15	4339	639	625	5603	920	448	3735	3899	-871	-795	10075	3484	13559	2796	16355	49.60
16	4393	426	622	5441	918	480	3773	3790	-910	-834	9795	3452	13247	2854	16101	49.68
17	4331	69	631	5031	919	520	3602	3701	-837	-836	9335	3539	12874	2821	15695	49.83
18	4372	59	632	5063	921	815	3576	3372	-731	-726	9445	2969	12414	2703	15117	49.88
19	4464	135	640	5239	924	837	3077	3426	-440	-431	9995	2947	12942	2520	15462	50.00
20	4459	425	636	5520	926	757	3092	3344	-417	-409	10138	3405	13543	2509	16052	49.67
21	4430	999	636	6065	928	688	3084	3293	-370	-348	10626	3294	13920	2468	16388	49.52
22	4423	889	633	5945	929	512	3085	3317	-370	-357	10346	3102	13448	2399	15847	49.66
23	4474	1252	625	6351	929	592	3339	3666	-595	-573	10965	1854	12819	2352	15171	49.66
24	4469	1396	616	6481	929	550	3360	3563	-610	-597	10926	1514	12440	2320	14760	49.53
MUs	105.58	13.71	15.24	134.53	22.24	14.03	77.62	80.86	-11.34	-11.14	240.52	65.50	306.02	56.57	362.59	49.68

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 05/Jun/2009

Position as on 6.30 Hrs of 06/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
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	
Uran Unit 3	60	29/05/2009	01.03	06/06/2009	11.20	Governer Problem	
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
Parli Unit 1	30	04/06/2009	04.47	05/06/2009	04:25	Excitation bearing work.	
Chandrapur Unit 6	500	04/06/2009	08.02	06/06/2009	05:11	Boiler Tube Leakage	
Paras Unit 3	250	05/06/2009	00.47	05/06/2009	05.18	Furnance Pressure Low.	
Cent_Sect NTPC (K-2)	210	05/06/2009	02:05	05/06/2009	05:07	Turbine Trip.	
Paras Unit 2	55	06/06/2009	05.14	06/06/2009	13.07	Turbine Trip.	
Uran Unit 6	108	06/06/2009	11.58	06/06/2009	19.18	Gas Restriction	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jun/2009

Position as on 6.30 Hrs of 06/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
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
Wardha - Akola - II	06/06/2009	19.03	06/06/2009	19.44	TRIPPED ON O/V
Seoni-Wardha-1	06/06/2009	19.03	06/06/2009	19.29	TRIPPED ON O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bableshwar-Aurangabad	05/06/2009	09.10	05/06/2009	18.18	Insulator Replacement
400/220 KV 315 ICT-I DHULE	05/06/2009	11.13	05/06/2009	13.21	Maintanance work
400/220 KV 315 MVA ICT -II DHULE	05/06/2009	15.22	05/06/2009	16.58	Maintanance work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
K'gaon-Lonand	05/06/2009	06.14	05/06/2009	18.15	Insulator Replacement
Pophali-New Koyna	05/06/2009	08.05	05/06/2009	14.50	R.M. Work
Apta-Uran-II	05/06/2009	09.31		Continued.	Tower shifting work
URAN_HOCL	05/06/2009	09:48		Continued.	Tower shifting work
220 KV Bus @ Kalwa	05/06/2009	14.33	05/06/2009	15.57	Maintanance work
Kandalgaon-Lonand	06/06/2009	06.21	06/06/2009	17.30	Insulator Replacement
Nagothane-Warkhal-I	06/06/2009	09.39	06/06/2009	16.27	Q.M. WORK
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Washi	05/06/2009	09.01	05/06/2009	11.06	Maintanance work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/66 KV, 50 MVA ICT-I At Warora	04/06/2009	19.30	05/06/2009	13.01	Tripped on Diff.Prot.
Miraj -Ichalkarajni	06/06/2009	10.07	06/06/2009	14.35	Wave Trap sparking.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
Wardha--Dhamangaon	05/06/2009	08.20	05/06/2009	18.52	H/T to control Akola ICT.
Parbhani-Pusad	05/06/2009	18:08	06/06/2009	10.11	H/T For Line Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
KALWA-LONIKAND	04/06/2009	07.23		Continued.	Tripped on Dist.Prot.
BBLSR-BHUSAWAL	05/06/2009	17.52	06/06/2009	13.24	Dist.Prot.Y Ph-E.
Padgha-Lonikhand	06/06/2009	01.52	06/06/2009	16.11	Distance Protection
Padgha-Nagothane-II	06/06/2009	05:35	06/06/2009	06:16	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Wardha - Yawatmal	05/06/2009	17.40	06/06/2009	09.54	Distance Protection
Butibori - Wardha	05/06/2009	17.40	05/06/2009	17.58	Distance Protection
Wardha-Bhugaon	05/06/2009	17.40	05/06/2009	17.58	Distance Protection
Lonikhand-Ranjangaon	05/06/2009	17.51	05/06/2009	18.16	Distance Protection
Warora-Wardha	05/06/2009	18.07	05/06/2009	18.33	Distance Protection
Butibori - Wardha	05/06/2009	18.09	05/06/2009	19.01	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jun/2009

Position as on 6.30 Hrs of 06/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
125 MVA ICT-II@ BORIVALI	06/06/2009	01.05	06/06/2009	16.05	Transformer Internal Fault.
Kharepatan-Pawas	06/06/2009	14.05	06/06/2009	15.30	Tripped on Dist.Prot.
PEDAMBE-MAHAD	06/06/2009	14.15	06/06/2009	14.35	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Virur-Ashti	05/06/2009	03.47	05/06/2009	04.24	Tripped on Dist.Prot.
Theur - Phursungi	06/06/2009	19.17	06/06/2009	19.35	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	50
Unit 3	105	40
Unit 4	105	30
Unit 5	200	170
Unit 6	210	0
Unit 7	210	180
	1040	470
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	140
Unit 4	210	150
Unit 5	210	160
Unit 6	250	0
	940	490
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	180
Unit 4	210	160
Unit 5	500	400
Unit 6	500	100
Unit 7	500	450
	2340	1625
Paras		
Unit 2	55	0
Unit 3	250	180
	305	180
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	0
Unit 4	210	205
	840	595
Nasik		
Unit 1	120	85
Unit 2	120	70
Unit 3	210	185
Unit 4	210	185
Unit 5	210	175
	870	700
Uran		
All Units	852	630
	852	630
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	61
TILLARI	60	0
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	169
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	875
RGPPPL III	740	
	1700	875
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	70
Trombay 8	250	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3067
	3143	3067