



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/May/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.839	1274.682	1) Madhya Pradesh	58.682	636.477
2) Hydro	17.765	191.604	2) Gujrat	24.455	216.721
3) Gas	15.431	160.745	3) Goa	-6.368	-68.721
Total MSGENCO	140.035	1627.031	4) TAPS 1&2 (Inj.)	6.883	63.287
B) OTHERS			5) Pench (Excess)	-0.020	-1.921
1) RGPPL Gas	14.892	152.747	# Total Cent. Sector	83.632	845.843
2) Wind Generation	15.768	125.699	F) Other Exchanges		
3) PENCH (MS)	0.020	1.921	1) With TPCL	-1.612	-14.238
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.924	366.892	1) MSEDCL Bilateral	8.700	98.919
2) TPCL Hydro	4.125	34.162	Include PX	1.080	9.723
TOTAL TPCL	38.049	401.054	2) MUMBAI Bilateral	2.635	25.465
3) REL Thermal	12.613	138.430	Include PX	-1.132	-11.155
D) STATE			3) MUMBAI Schedule	2.635	25.465
1) Thermal (A1+C1+C3)	153.376	1780.004	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	21.910	227.687	1) MSEDCL	252.735	2740.924
3) Gas (A3+B1)	30.323	313.492	2) TPCL	34.834	369.726
4) Wind (B2)	15.768	125.699	3) REL	17.437	183.881
TOTAL STATE	221.377	2446.882	TOTAL STATE	305.006	3294.531

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4535	4260	4411
MSGENCO Hydro	733	1634	160
MSGENCO Gas	635	652	660
MSGENCO Total Generation	5903	6546	5231
Central Sector Receipt	3483	3803	3360
RGPPL	618	624	620
WIND	735	509	733
Exchange with TPCL	-318	-133	100
MSEDCL DEMAND MET	10421	11349	10044
Load Shedding	3185	3343	1519
MSEDCL DEMAND (INCL. LS)	13606	14692	11563
TPCL GENERATION	1746	1736	1234
REL GENERATION	523	525	528
TPCL+REL DEMAND	2587	2394	1662
STATE DEMAND MET	13008	13743	11706
STATE DEMAND (INCL. LS)	16193	17086	13225
Frequency (Hz)	49.45	49.61	49.98
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5113 MW at 20.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			84.54 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.25 Hz at 18:02 Hrs	48.92 Hz at 15:21 Hrs	49.61	.39 % 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 11/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.24	1.24	85	0	50
Unit 2	1.77	13.88	77	66	70
Unit 3	1.63	17.01	72	63	70
Unit 4	0.00	11.72	0	0	0
Unit 5	3.54	35.62	167	130	140
Unit 6	3.34	35.78	165	118	140
Unit 7	3.41	36.06	159	120	150
	14.93	151.32			620
Bhusawal					
Unit 1	1.26	11.07	56	49	50
Unit 2	3.79	43.85	172	127	170
Unit 3	4.08	45.01	180	163	170
	9.12	99.93			390
Parli					
Unit 1	0.53	5.88	23	21	20
Unit 2	0.58	6.32	25	22	20
Unit 3	0.00	19.36	0	0	0
Unit 4	3.97	41.36	175	156	150
Unit 5	3.28	30.49	166	0	165
Unit 6	5.30	54.77	231	203	205
	13.66	158.18			560
Chandrapur					
Unit 1	3.51	45.24	154	137	140
Unit 2	4.02	44.47	174	154	170
Unit 3	4.96	45.01	218	194	210
Unit 4	0.00	0.00	0	0	0
Unit 5	7.35	94.82	409	194	300
Unit 6	9.82	107.35	462	317	425
Unit 7	0.00	95.14	0	0	0
	29.67	432.04			1245
Paras					
Unit 2	1.16	8.72	51	44	50
Unit 3	5.75	49.90	249	232	230
	6.90	58.62			280
Khaparkheda					
Unit 1	4.29	48.16	185	172	175
Unit 2	4.33	47.53	192	170	175
Unit 3	4.38	48.55	190	180	175
Unit 4	4.29	48.31	193	174	175
	17.28	192.55			700
Nasik					
Unit 1	2.24	24.35	101	86	95
Unit 2	0.00	16.84	0	0	0
Unit 3	4.34	47.16	206	167	175
Unit 4	4.35	47.77	191	173	180
Unit 5	4.33	45.92	198	170	175
	15.27	182.04			625
Uran					
All Units	15.43	160.74	664	601	640
	15.43	160.74			640
Koyna					
Stage 1-2	2.68	30.44	335	40	600
Stage 4	8.27	90.75	999	0	250
Koyna 12&4 Total	10.95	121.19			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.28	26.08	300	0	320
	13.23	147.27			1170
Hydro					
KDPH	0.86	5.26	36	35	36
VTRNA	1.16	12.63	61	0	61
TILLARI	0.17	3.00	60	0	60
BHTGR/VEER	0.96	9.94	40	40	40
BHIRA T.R.	0.16	1.67	51	0	80
RNGR+BHTSA	0.35	3.58	15	14	16
BHANDARDRA	0.72	4.65	30	30	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.04	0.44	10	0	0
GHATGHAR	0.10	3.18	105	0	0
	4.53	44.34			323
PENCH (MS)					
Pench (MS)	0.02	1.92	20	0	0
	0.02	1.92			0
Wind					
MalharPeth	0.57	3.64			
Vankuswadi	1.24	7.46			
ATIT	0.16	1.41			
Kale	0.09	2.84			
Satara	0.51	5.96			
Shirala	0.34	2.98			
K Mahankal	0.04	1.12			
Supa	0.33	2.89			
Vita	1.88	13.93			
Dondaicha	6.72	53.96			
Sakri	1.08	8.78			
Nandurbar	0.93	7.22			
Khadakale	1.16	8.36			
Khaparale	0.74	5.15			
	15.77	125.70			
Dabhol					
RGPP L II	14.89	152.75	626	614	590
RGPP L III	0.00	0.00	0	0	0
	14.89	152.75			590
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	133.22	505	505	500
Trombay 6	11.57	120.94	510	330	500
Trombay 7A	2.67	30.02	124	91	110
Trombay 7B	1.54	17.00	68	57	70
Trombay 8	6.02	65.72	252	250	250
TATA Hydro	4.12	34.16	382	0	447
	38.05	401.05			1877
REL					
1&2	12.61	138.43	528	523	500
	12.61	138.43			500
Cent Sect					
Share					3077
					3077

MS PG CL	Thermal	106.84	1274.68		4420
	Thml+Gas	122.27	1435.43		5060
	Hydro	17.76	191.60		1493
	Total	140.04	1627.03		6553
State Total		221.38	2446.88		12597

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/May/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	4388	340	650	5378	623	684	2842	3516	-16	22	10223	1547	11770	1918	13688	49.65
2	4406	263	657	5326	622	722	2845	3518	-16	21	10209	1551	11760	1779	13539	49.72
3	4411	160	660	5231	620	733	2761	3360	70	100	10044	1519	11563	1662	13225	49.98
4	4432	161	660	5253	621	710	2590	3425	242	273	10282	1512	11794	1579	13373	49.81
5	4458	264	659	5381	622	751	2616	3376	217	251	10381	1910	12291	1569	13860	49.66
6	4513	524	661	5698	623	778	2533	3180	300	338	10617	2173	12790	1605	14395	49.66
7	4547	232	664	5443	622	758	2526	2845	300	337	10005	3129	13134	1582	14716	49.83
8	4566	222	662	5450	621	616	2822	2852	204	251	9790	3124	12914	1694	14608	50.01
9	4601	227	654	5482	621	624	2822	3019	62	108	9854	3140	12994	1956	14950	49.75
10	4610	246	643	5499	620	691	3171	3464	-252	-214	10060	3535	13595	2317	15912	49.57
11	4535	733	635	5903	618	735	3179	3483	-357	-318	10421	3185	13606	2587	16193	49.45
12	4521	1185	630	6336	618	671	3178	3521	-357	-318	10828	3203	14031	2656	16687	49.42
13	4552	1194	625	6371	614	673	3173	3343	-357	-316	10685	3194	13879	2668	16547	49.42
14	4564	1064	622	6250	616	696	3170	3241	-357	-317	10486	3234	13720	2592	16312	49.34
15	4594	1163	601	6358	615	684	3165	3246	-357	-320	10583	3233	13816	2652	16468	49.22
16	4534	858	614	6006	616	714	3157	3191	-357	-319	10208	3339	13547	2681	16228	49.24
17	4314	713	624	5651	617	758	3421	3656	-357	-318	10364	3501	13865	2627	16492	49.31
18	4181	781	632	5594	619	725	3330	3744	-274	-234	10448	3190	13638	2552	16190	49.46
19	4221	602	648	5471	623	626	3220	4156	-255	-199	10697	3056	13753	2395	16148	49.77
20	4260	1634	652	6546	624	509	3040	3803	-167	-133	11349	3343	14692	2394	17086	49.61
21	4407	1742	657	6806	626	400	3039	3754	-163	-101	11485	3070	14555	2321	16876	49.70
22	4487	1463	658	6608	625	453	3040	3962	-161	-100	11548	2741	14289	2229	16518	49.71
23	4420	1079	638	6137	623	511	3079	4100	-161	-99	11272	2370	13642	2155	15797	49.57
24	4320	915	625	5860	623	494	2921	3877	-68	-7	10847	2101	12948	2104	15052	49.74
MUs	106.84	17.76	15.43	140.04	14.89	15.72	71.64	83.63	-2.63	-1.61	252.69	65.90	318.59	52.27	370.86	49.61

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 11/May/2009

Position as on 6.30 Hrs of 12/May/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
Chandrapur Unit 4	210	21/04/2009	00.05		Continued.	W/D for COH.	25/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Annual Overhaul	07/06/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
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	01/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 1	105	27/04/2009	22.07	11/05/2009	02.20	Condensor Tube Leakage	
Uran Unit 3	60	04/05/2009	21.15		Continued.	Gas Restriction	
Koradi Unit 4	115	09/05/2009	11.04		Continued.	Condensor Tube Leakage	13/05/2009
Parli Unit 3	210	09/05/2009	19.21	12/05/2009	00.54	Water wall Tube leakage	
Cent_Sect Sipat-4	500	10/05/2009	00:49		Continued.	Coal Shortage	
Chandrapur Unit 7	500	10/05/2009	09.31		Continued.	Water wall Tube leakage	13/05/2009
Nasik Unit 2	125	10/05/2009	22.10		Continued.	Boiler Tube Leakage	14/05/2009
Parli Unit 5	210	11/05/2009	16.30	11/05/2009	20.13	Boiler Feed Pump Problem	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2009

Position as on 6.30 Hrs of 12/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	08/05/2009	6:59	11/05/2009	08.52	H/T FOR O/V
DHULE-SAR'SAROVAR-I	10/05/2009	01.18		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - II	07/05/2009	07:05		Continued.	Tripped on over voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Ponda	12/05/2009	04:45		Continued.	Tripped ,Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
400/220kv 315MVA ICT-II at Kolhapur	11/05/2009	08.17	11/05/2009	17.26	Q.M. WORK
Karad-Kolhapur CKT I	11/05/2009	10.03	11/05/2009	16.12	Testing Work
Karad-Kolhapur CKT II	11/05/2009	17.34	11/05/2009	19.29	Testing Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Parli-Osmanabad	10/05/2009	09.35		Continued.	Railway Crossing Work.
Uran -Apta-III	11/05/2009	08.05	11/05/2009	22.40	Testing Work
Uran-ONGC	11/05/2009	09.40	11/05/2009	21.43	Testing Work
220KV Main Bus at Dasturi	11/05/2009	09.50	11/05/2009	19.20	Premansoon Maintenance Work.
Akola - Badnera - I	11/05/2009	10.10		Continued.	Relay Retrofitting Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Uppalwadi-Pardi	09/05/2009	10.21		Continued.	Relay Retrofitting Work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE I -CHDPR	10/05/2009	23.27	11/05/2009	06.24	Thyristor replacement
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
220 KV Own Brk..of 315 MVA ICT at Akola	23/04/2009	15.50		Continued.	Breaker Problem
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	06/05/2009	16.28		Continued.	CKT H/T FOR LOADING 315 MVA 400/220 KV ICT AT AKOLA
Wardha-Badnera	06/05/2009	16.31		Continued.	CKT H/T FOR LOADING 315 MVA 400/220 KV ICT AT AKOLA
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Amravati - Lalkhedhi	09/05/2009	08.05		Continued.	Hand Tripped to Increase Load on Akola ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha-Kharghar	11/05/2009	12.12	11/05/2009	12.42	CVT Fuse fail at Kharghar
Padgha-Nagothane-II	12/05/2009	04.39		Continued.	Distance protection(R&B phase)
400/220KV 315MVA ICT-III at Padgha	12/05/2009	04.39		Continued.	Tripped on Diff.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Kharepatan-Pawas	12/05/2009	03:42		Continued.	Tripped on D/P.Y ph.
Voltage Level : 132KV			Outage Type TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2009

Position as on 6.30 Hrs of 12/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Katol-Kalmeshwar	11/05/2009	23.57	12/05/2009	00.43	B phase CT burst of 66KV Warund feeder

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	50
Unit 3	105	75
Unit 4	105	0
Unit 5	200	130
Unit 6	210	125
Unit 7	210	125
	1040	565
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	170
	478	390
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	140
Unit 5	210	140
Unit 6	250	220
	940	690
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	210
Unit 4	210	0
Unit 5	500	200
Unit 6	500	400
Unit 7	500	0
	2340	1110
Paras		
Unit 2	55	50
Unit 3	250	230
	305	280
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	175
Unit 4	210	180
Unit 5	210	175
	870	625
Uran		
All Units	852	600
	852	600
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	36
VTRNA	60	61
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	323
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	740	588
RGPPPL III	740	
	1480	588
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	70
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3025
	3143	3025