



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/May/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	103.816	1378.498	1) Madhya Pradesh	65.895	702.372
2) Hydro	18.063	209.667	2) Gujrat	24.448	241.169
3) Gas	15.466	176.211	3) Goa	-6.226	-74.947
Total MSGENCO	137.345	1764.376	4) TAPS 1&2 (Inj.)	6.892	70.179
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	14.917	167.664	# Total Cent. Sector	91.009	936.852
2) Wind Generation	13.788	139.487	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-2.108	-16.346
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.431	400.323	1) MSEDCL Bilateral	8.681	107.599
2) TPCL Hydro	4.423	38.585	Include PX	0.761	10.483
TOTAL TPCL	37.854	438.908	2) MUMBAI Bilateral	3.202	28.667
3) REL Thermal	12.595	151.025	Include PX	-0.269	-11.424
D) STATE			3) MUMBAI Schedule	3.202	28.667
1) Thermal (A1+C1+C3)	149.842	1929.846	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	22.486	250.173	1) MSEDCL	254.951	2995.875
3) Gas (A3+B1)	30.383	343.875	2) TPCL	35.237	404.963
4) Wind (B2)	13.788	139.487	3) REL	17.319	201.200
TOTAL STATE	216.499	2663.381	TOTAL STATE	307.507	3602.038

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	4405	4272	4260
MSGENCO Hydro	686	1298	139
MSGENCO Gas	643	650	626
MSGENCO Total Generation	5734	6220	5025
Central Sector Receipt	4019	3653	3972
RGPPL	623	624	622
WIND	331	713	608
Exchange with TPCL	-312	-83	37
MSEDCL DEMAND MET	10395	11127	10264
Load Shedding	3262	3374	1564
MSEDCL DEMAND (INCL. LS)	13657	14501	11828
TPCL GENERATION	1741	1826	1190
REL GENERATION	524	525	527
TPCL+REL DEMAND	2577	2434	1680
STATE DEMAND MET	12972	13561	11944
STATE DEMAND (INCL. LS)	16234	16935	13508
Frequency (Hz)	49.67	49.61	49.91
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4744 MW At 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			94.46 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.65 Hz at 06.03 Hrs	48.98 Hz at 14.16 Hrs	49.7	.07 % 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 12/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.19	2.43	64	32	60
Unit 2	1.21	15.10	55	46	50
Unit 3	1.35	18.36	76	40	75
Unit 4	0.69	12.41	67	0	0
Unit 5	2.80	38.42	140	86	130
Unit 6	2.86	38.64	147	64	125
Unit 7	2.92	38.97	134	98	125
	13.02	164.33			565
Bhusawal					
Unit 1	1.11	12.18	54	32	50
Unit 2	3.86	47.71	172	154	170
Unit 3	3.96	48.96	170	158	170
	8.92	108.86			390
Parli					
Unit 1	0.53	6.41	24	20	20
Unit 2	0.56	6.87	25	21	20
Unit 3	3.17	22.53	146	1	150
Unit 4	3.82	45.18	166	152	140
Unit 5	3.74	34.23	164	142	140
Unit 6	5.27	60.04	228	200	220
	17.09	175.27			690
Chandrapur					
Unit 1	3.42	48.66	156	114	150
Unit 2	3.88	48.35	169	150	150
Unit 3	4.93	49.94	206	197	210
Unit 4	0.00	0.00	0	0	0
Unit 5	4.15	98.97	215	110	200
Unit 6	10.16	117.51	445	389	400
Unit 7	0.00	95.14	0	0	0
	26.53	458.57			1110
Paras					
Unit 2	1.16	9.88	50	45	50
Unit 3	5.51	55.40	251	180	230
	6.66	65.28			280
Khaparkheda					
Unit 1	3.76	51.92	180	0	175
Unit 2	4.11	51.64	186	163	175
Unit 3	4.22	52.76	185	168	175
Unit 4	4.15	52.46	193	162	175
	16.23	208.79			700
Nasik					
Unit 1	2.23	26.58	99	92	95
Unit 2	0.00	16.84	0	0	0
Unit 3	4.42	51.58	194	171	175
Unit 4	4.48	52.26	198	174	180
Unit 5	4.22	50.14	182	170	175
	15.35	197.40			625
Uran					
All Units	15.47	176.21	672	625	600
	15.47	176.21			600
Koyna					
Stage 1-2	3.22	33.66	375	35	600
Stage 4	7.89	98.64	1006	0	250
Koyna 12&4 Total	11.11	132.30			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.21	28.28	320	0	320
	13.32	160.58			1170
Hydro					
KDPH	0.85	6.11	36	35	36
VTRNA	1.25	13.88	61	0	61
TILLARI	0.29	3.29	60	0	60
BHTGR/VEER	0.66	10.59	28	27	40
BHIRA T.R.	0.18	1.84	85	0	80
RNGR+BHTSA	0.29	3.87	13	12	16
BHANDARDRA	0.71	5.36	30	29	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.44	0	0	0
GHATGHAR	0.52	3.69	125	0	0
	4.74	49.08			323
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	0
	0.00	1.92			0
Wind					
MalharPeth	0.48	4.12			
Vankuswadi	1.09	8.55			
ATIT	0.32	1.72			
Kale	0.07	2.91			
Satara	0.58	6.53			
Shirala	0.30	3.28			
K Mahankal	0.72	1.84			
Supa	0.20	3.10			
Vita	1.46	15.39			
Dondaicha	5.67	59.63			
Sakri	0.96	9.74			
Nandurbar	0.88	8.10			
Khadakale	0.68	9.05			
Khaparale	0.37	5.52			
	13.79	139.49			
Dabhol					
RGPP L II	14.92	167.66	627	616	588
RGPP L III		0.00	0	0	0
	14.92	167.66			588
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	145.34	505	505	500
Trombay 6	10.68	131.62	510	175	500
Trombay 7A	2.96	32.98	128	119	110
Trombay 7B	1.64	18.64	69	68	70
Trombay 8	6.02	71.74	252	250	250
TATA Hydro	4.42	38.58	368	0	447
	37.85	438.91			1877
REL					
1&2	12.60	151.02	528	522	500
	12.60	151.02			500
Cent Sect					
Share					3025
					3025

MS PG CL	Thermal	103.82	1378.50		4360
	Thml+Gas	119.28	1554.71		4960
	Hydro	18.06	209.67		1493
	Total	137.34	1764.38		6453
State Total		216.50	2663.38		12443

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	4269	252	625	5146	622	560	2813	4132	-12	34	10494	1579	12073	1965	14038	49.82
2	4248	155	625	5028	622	630	2815	3933	-12	36	10249	1585	11834	1811	13645	49.88
3	4260	139	626	5025	622	608	2816	3972	-12	37	10264	1564	11828	1680	13508	49.91
4	4326	150	627	5103	621	598	2817	4068	-12	39	10429	1584	12013	1612	13625	50.00
5	4351	215	625	5191	621	632	2824	4128	-12	40	10612	2001	12613	1612	14225	49.75
6	4395	226	645	5266	621	628	2797	4393	21	73	10981	2279	13260	1612	14872	49.90
7	4462	212	666	5340	621	543	2533	3681	287	330	10515	3228	13743	1596	15339	50.20
8	4429	207	672	5308	621	446	2783	3492	208	261	10128	3222	13350	1713	15063	49.98
9	4438	217	664	5319	623	418	2848	3680	140	192	10232	3310	13542	1941	15483	49.84
10	4448	223	653	5324	623	314	3139	3994	-148	-105	10150	3657	13807	2311	16118	49.65
11	4405	686	643	5734	623	331	3171	4019	-353	-312	10395	3262	13657	2577	16234	49.67
12	4379	1271	639	6289	616	426	3168	4033	-353	-314	11050	3185	14235	2654	16889	49.57
13	4364	1097	639	6100	620	471	3165	3974	-353	-316	10849	3196	14045	2627	16672	49.63
14	4407	1332	633	6372	619	502	3163	3528	-353	-312	10709	3254	13963	2557	16520	49.47
15	4404	1290	626	6320	617	650	3160	3330	-353	-311	10606	3274	13880	2637	16517	49.28
16	4282	1103	631	6016	618	633	3160	3447	-353	-312	10402	3476	13878	2662	16540	49.43
17	4236	686	636	5558	618	729	3376	3691	-353	-308	10288	3765	14053	2656	16709	49.45
18	4240	281	646	5167	621	902	3264	3966	-270	-225	10431	3458	13889	2541	16430	49.69
19	4292	445	650	5387	623	797	3208	3838	-256	-204	10441	3208	13649	2408	16057	49.70
20	4272	1298	650	6220	624	713	3025	3653	-136	-83	11127	3374	14501	2434	16935	49.61
21	4218	1908	652	6778	624	548	3027	3435	-156	-110	11275	3070	14345	2360	16705	49.51
22	4245	1827	653	6725	625	611	3027	3479	-154	-110	11330	2760	14090	2272	16362	49.52
23	4162	1645	655	6462	627	598	3059	3668	-149	-109	11246	2373	13619	2174	15793	49.61
24	4075	1198	658	5931	625	525	2954	3679	-60	-19	10741	2107	12848	2145	14993	49.72
MUs	103.61	18.06	15.44	137.11	14.92	13.81	72.11	91.21	-3.20	-2.11	254.94	67.77	322.72	52.56	375.27	49.70

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 12/May/2009

Position as on 6.30 Hrs of 13/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	
Uran Unit 3	60	04/05/2009	21.15		Continued.	Gas Restriction	
Koradi Unit 4	115	09/05/2009	11.04	12/05/2009	10:44	Condensor Tube Leakage	
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	13/05/2009	00:13	Water wall Tube leakage	
Nasik Unit 2	125	10/05/2009	22.10		Continued.	Boiler Tube Leakage	14/05/2009
Khaparkheda Unit 1	210	12/05/2009	22:25		Continued.	Tripped, MOT Level Low.	13/05/2009
Koyna Unit 8	80	12/05/2009	22:50	13/05/2009	00:15	Excitation Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/May/2009

Position as on 6.30 Hrs of 13/May/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-I	10/05/2009	01.18		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	12/05/2009	23:47		Continued.	Hand Tripped to Control O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - II	07/05/2009	07:05		Continued.	Tripped on over voltage
Wardha - Akola - I	12/05/2009	13:13	12/05/2009	13:35	Tripped.
Wardha - Akola - I	12/05/2009	15:27	12/05/2009	16:04	Tripped.
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.
Karad-Kolhapur CKT II	12/05/2009	08:05	13/05/2009	00:05	C. V. T. Replacement.
400/220kv 315MVA ICT-II at Kolhapur	12/05/2009	09:14	12/05/2009	18:15	Q.M. 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.
Akola - Badnera - I	11/05/2009	10.10	12/05/2009	16:53	Relay Retrofitting Work.
Mulund-Kalwa-I	12/05/2009	09:52		Continued.	Relay Retrofitting Work.
Apta-Uran-IV	12/05/2009	09:58	12/05/2009	21:58	P.T.Replacement.
220/110KV 100 MVA ICT-II @ Miraj.	12/05/2009	10:40	12/05/2009	17:05	Q.M. WORK
TILLARY-PHONDA	12/05/2009	11:45		Continued.	For Outage on Mudsungi-Ponda line.
Uran - JNPT	12/05/2009	12:01	12/05/2009	20:48	P.T. Removed.
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 : 400KV			Outage Type FORCED OUTAGE		
220 KV Own Brk..of 315 MVA ICT at Akola	23/04/2009	15.50		Continued.	Breaker Problem
Padgha-Nagothane-II	12/05/2009	14:52	12/05/2009	17:43	Emergency Outage
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 - Lalkhedi	09/05/2009	08.05		Continued.	Hand Tripped to Increase Load on Akola ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha-Nagothane-II	12/05/2009	04.39	12/05/2009	12:33	Distance protection(R&B phase)
400/220KV 315MVA ICT-III at Padgha	12/05/2009	04.39	12/05/2009	06:53	Tripped on Diff.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Kharepatan-Pawas	12/05/2009	03:42	12/05/2009	15:48	Tripped on D/P.Y ph.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/May/2009

Position as on 6.30 Hrs of 13/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type TRIPPED		
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 13/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	45
Unit 2	105	45
Unit 3	105	35
Unit 4	105	55
Unit 5	200	100
Unit 6	210	130
Unit 7	210	120
	1040	530
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	150
Unit 5	210	150
Unit 6	250	220
	940	710
Chandrapur		
Unit 1	210	150
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	200
Unit 6	500	400
Unit 7	500	350
	2340	1480
Paras		
Unit 2	55	45
Unit 3	250	185
	305	230
Khaparkheda		
Unit 1	210	0
Unit 2	210	180
Unit 3	210	180
Unit 4	210	200
	840	560
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	175
Unit 4	210	185
Unit 5	210	175
	870	630
Uran		
All Units	852	620
	852	620
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	15
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	322
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		
RGPL II	740	587
RGPL III	740	
	1480	587
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	3143	3010
	3143	3010