



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/May/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.918	2511.915	1) Madhya Pradesh	54.618	1280.924
2) Hydro	3.407	298.449	2) Gujrat	12.844	407.213
3) Gas	15.474	333.487	3) Goa	-5.116	-134.588
Total MSGENCO	129.799	3143.851	4) TAPS 1&2 (Inj.)	6.818	138.705
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	21.900	338.241	# Total Cent. Sector	69.164	1690.333
2) Wind Generation	18.770	261.690	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-4.119	-39.070
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	32.960	730.956	1) MSEDCL Bilateral	10.323	215.638
2) TPCL Hydro	4.800	85.309	Include PX	2.743	33.573
TOTAL TPCL	37.760	816.265	2) MUMBAI Bilateral	5.144	61.878
3) REL Thermal	12.615	276.941	Include PX	0.000	-13.291
D) STATE			3) MUMBAI Schedule	5.144	61.878
1) Thermal (A1+C1+C3)	156.493	3519.812	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	8.207	385.679	1) MSEDCL	235.514	5398.887
3) Gas (A3+B1)	37.374	671.728	2) TPCL	36.388	753.066
4) Wind (B2)	18.770	261.690	3) REL	18.103	375.480
TOTAL STATE	220.844	4838.909	TOTAL STATE	290.005	6527.433

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4756	4691	4580
MSGENCO Hydro	150	479	78
MSGENCO Gas	644	642	648
MSGENCO Total Generation	5550	5812	5306
Central Sector Receipt	2818	3186	2442
RGPPL	919	922	904
WIND	705	908	704
Exchange with TPCL	-349	-138	6
MSEDCL DEMAND MET	9643	10690	9362
Load Shedding	696	603	22
MSEDCL DEMAND (INCL. LS)	10339	11293	9384
TPCL GENERATION	1772	1773	1170
REL GENERATION	527	523	525
TPCL+REL DEMAND	2648	2434	1689
STATE DEMAND MET	12291	13124	11051
STATE DEMAND (INCL. LS)	12987	13727	11073
Frequency (Hz)	49.81	49.87	49.93
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1122 MW At 18.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			7.52 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.46 Hz at 16.09 Hrs	49.14 Hz at 21.50 Hrs	49.81	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 22/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	7.10	0	0	0
Unit 2	1.50	22.62	75	19	50
Unit 3	0.00	28.21	0	0	0
Unit 4	1.54	22.69	79	32	70
Unit 5	2.48	66.21	120	73	120
Unit 6	3.21	70.49	155	111	115
Unit 7	3.14	69.26	150	110	130
	11.87	286.60			485
Bhusawal					
Unit 1	1.20	22.42	52	44	50
Unit 2	3.98	78.83	170	160	170
Unit 3	4.08	90.44	178	165	170
	9.26	191.69			390
Parli					
Unit 1	0.42	10.65	18	16	20
Unit 2	0.55	12.41	25	22	20
Unit 3	2.07	56.03	143	0	150
Unit 4	3.66	82.54	160	146	150
Unit 5	4.03	72.84	183	152	165
Unit 6	0.00	103.14	0	0	0
	10.73	337.60			505
Chandrapur					
Unit 1	4.16	89.40	178	169	170
Unit 2	4.02	87.70	170	165	170
Unit 3	4.08	96.48	194	144	190
Unit 4	0.00	0.00	0	0	0
Unit 5	10.07	173.51	485	380	400
Unit 6	9.17	207.24	405	350	400
Unit 7	9.55	185.26	425	348	400
	41.04	839.58			1730
Paras					
Unit 2	1.09	20.47	49	40	45
Unit 3	4.91	109.66	222	176	215
	6.00	130.14			260
Khaparkheda					
Unit 1	4.18	91.09	185	165	170
Unit 2	4.09	93.18	178	165	170
Unit 3	4.12	94.97	174	170	170
Unit 4	4.21	94.50	181	169	170
	16.60	373.74			680
Nasik					
Unit 1	1.87	40.99	83	62	90
Unit 2	1.09	32.53	78	0	75
Unit 3	4.37	94.07	188	178	180
Unit 4	4.16	94.50	178	167	175
Unit 5	3.92	90.47	178	154	165
	15.41	352.56			685
Uran					
All Units	15.47	333.49	653	636	620
	15.47	333.49			620
Koyna					
Stage 1-2	1.14	55.42	160	30	600
Stage 4	0.20	122.65	191	0	250
Koyna 12&4 Total	1.34	178.06			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.58	38.24	236	0	320
	1.92	216.30			1170
Hydro					
KDPH	0.00	10.88	0	0	0
VTRNA	0.54	22.45	61	0	60
TILLARI	0.00	3.53	0	0	0
BHTGR/VEER	0.36	16.59	15	15	20
BHIRA T.R.	0.24	4.07	79	0	80
RNGR+BHTSA	0.29	6.92	12	12	13
BHANDARDRA	0.00	10.83	0	0	20
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.00	10	0	0
GHATGHAR	0.00	5.87	0	0	0
	1.48	82.15			193
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.42	7.86			
Vankuswadi	0.92	16.50			
ATIT	0.17	3.18			
Kale	0.10	3.68			
Satara	0.84	11.65			
Shirala	0.32	6.23			
K Mahankal	0.12	3.83			
Supa	0.24	4.52			
Vita	2.10	29.65			
Dondaicha	9.16	115.56			
Sakri	1.50	18.95			
Nandurbar	1.23	16.87			
Khadakale	0.82	13.51			
Khaparale	0.83	9.70			
	18.77	261.69			
Dabhol					
RGPP L II	21.90	338.24	924	849	575
RGPP L III		0.00			
	21.90	338.24			575
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	266.43	505	505	500
Trombay 6	10.22	235.71	510	220	500
Trombay 7A	2.96	62.00	125	122	120
Trombay 7B	1.64	34.82	69	68	60
Trombay 8	6.03	131.99	253	250	250
TATA Hydro	4.80	85.31	401	2	444
	37.76	816.26			1874
REL					
1&2	12.62	276.94	528	522	500
	12.62	276.94			500
Cent Sect					
Share					2910
					2910

MS PG CL	Thermal	110.92	2511.92		4735
	Thml+Gas	126.39	2845.40		5355
	Hydro	3.41	298.45		1363
	Total	129.80	3143.85		6718
State Total		220.84	4838.91		12577

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	4496	72	650	5218	923	736	2781	2658	-47	-47	9488	28	9516	2176	11692	49.75
2	4517	67	648	5232	923	810	2787	2689	-47	-2	9652	28	9680	1920	11600	49.78
3	4564	72	650	5286	922	808	2817	2604	-47	2	9622	28	9650	1807	11457	49.91
4	4539	67	653	5259	922	703	2819	2545	-47	4	9433	19	9452	1723	11175	50.05
5	4580	78	648	5306	904	704	2820	2442	-47	6	9362	22	9384	1689	11073	49.93
6	4639	123	640	5402	924	693	2841	2539	-47	5	9563	56	9619	1693	11312	49.78
7	4658	133	643	5434	913	638	2841	2259	-47	4	9248	487	9735	1714	11449	50.05
8	4657	128	639	5424	907	647	2844	2623	-91	-36	9565	512	10077	1768	11845	49.84
9	4626	118	643	5387	923	727	2917	2843	-101	-48	9832	475	10307	2034	12341	49.86
10	4621	81	642	5344	920	675	3280	3196	-406	-344	9791	469	10260	2370	12630	49.68
11	4756	150	644	5550	919	705	3484	2818	-405	-349	9643	696	10339	2648	12987	49.81
12	4738	151	642	5531	918	716	3479	2745	-404	-369	9541	831	10372	2755	13127	49.54
13	4690	57	644	5391	912	783	3484	2799	-404	-382	9503	819	10322	2741	13063	49.58
14	4687	57	646	5390	917	700	3481	2840	-404	-383	9464	772	10236	2642	12878	49.71
15	4678	62	636	5376	919	846	3481	3033	-404	-383	9791	912	10703	2735	13438	49.94
16	4555	62	642	5259	875	828	3469	3137	-404	-382	9717	904	10621	2750	13371	50.12
17	4548	62	645	5255	849	1037	3378	3224	-404	-383	9982	904	10886	2711	13597	50.07
18	4518	84	648	5250	892	715	3194	3319	-265	-226	9950	750	10700	2583	13283	49.93
19	4554	135	645	5334	920	971	3085	3084	-241	-199	10110	703	10813	2456	13269	49.87
20	4651	501	640	5792	919	855	2959	3227	-199	-160	10633	602	11235	2489	13724	49.66
21	4691	479	642	5812	922	908	2997	3186	-199	-138	10690	603	11293	2434	13727	49.87
22	4679	292	648	5619	919	932	2995	3242	-197	-135	10577	602	11179	2286	13465	49.63
23	4656	220	648	5524	919	838	2923	3220	-196	-138	10363	43	10406	2200	12606	49.62
24	4624	156	648	5428	919	796	2828	2890	-89	-36	9997	43	10040	2170	12210	49.56
MUs	110.92	3.41	15.47	129.80	21.90	18.77	73.98	69.16	-5.14	-4.12	235.52	11.31	246.82	54.49	301.32	49.81

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 22/May/2009

Position as on 6.30 Hrs of 23/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	23/05/2009
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	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Cent_Sect Sipat-4	500	10/05/2009	00:49		Continued.	Coal Shortage	25/05/2009
Koradi Unit 3	105	20/05/2009	21.46		Continued.	Furnace Casing damage.	22/05/2009
Uran Unit 3	60	21/05/2009	01.15		Continued.	Gas Restriction	
Koradi Unit 1	105	21/05/2009	08.49		Continued.	Hot Spot in Windbox.	23/05/2009
Parli Unit 6	250	21/05/2009	12.24	23/05/2009	05.27	Boiler Tube Leakage	
Parli Unit 3	210	21/05/2009	19.40	22/05/2009	05.15	Trip on Spark.	22/05/2009
Parli Unit 3	210	22/05/2009	06.55	22/05/2009	09.55	Low Vaccume	
Nasik Unit 2	125	22/05/2009	17.15		Continued.	Coal Mill Problem	23/05/2009
Koradi Unit 5	200	23/05/2009	03.33		Continued.	Fire in Boiler corner No.4	26/05/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/May/2009

Position as on 6.30 Hrs of 23/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Kolhapur-Mapusa Ckt I	22/05/2009	14.14	22/05/2009	14.27	Hand tripped for B bus outage
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
Seoni-Wardha-1	16/05/2009	16.35		Continued.	Tripped on over voltage
Wardha - Akola - II	16/05/2009	17.48		Continued.	Tripped on over voltage
DHULE-SAR'SAROVAR-I	22/05/2009	02.15	22/05/2009	07.16	H/T FOR O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Phonda	22/05/2009	03:55		Continued.	Tripped on 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 KV OWN.Br. BSL-BBLR @ BSL.	18/05/2009	13:50		Continued.	Line on TBC. Breaker O/H.
Main Bus-II at Kolhapur	22/05/2009	14.31		Continued.	Isolator 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	21/05/2009	07.35	22/05/2009	18.41	Insulator Replacement
Parbhani-Pusad	21/05/2009	09.37	22/05/2009	17.27	Breaker Maintenance Work.
Pusad-Nanded	21/05/2009	09.55	22/05/2009	10.46	Isolator Alignment.
Padghe - Jindal	22/05/2009	08.45	22/05/2009	17.54	Bay Maintenance work.
Raymond-Washala	22/05/2009	09.25	22/05/2009	17.30	Maintenance work
Kalwa-C'chem	22/05/2009	10.16	23/05/2009	00.05	Tower shifting work
Bhoisor-Bhoisor	22/05/2009	11.24	22/05/2009	17.44	R.M.Work.
BBLSR-Waluj	22/05/2009	12.43	22/05/2009	18.38	Earth wire stringing work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/132KV,200MVA ICT-I at Bhusawal	22/05/2009	11.50	22/05/2009	12.12	To attend Oil Leakage.
Karad-Kolhapur-II	22/05/2009	13.55	22/05/2009	14.05	Hand tripped for B bus outage
Dhabhol-N'Thane I	22/05/2009	18.11		Continued.	Taken on TBC(Breaker work)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kolhapur-Karad-III	22/05/2009	14.44	22/05/2009	17.51	Hot Spot
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT - II @ Parli	21/05/2009	21.19	22/05/2009	01.00	Tripped on Oil Temp. & Wind.Temp.& Buchholz Relay.
Koradi - Akola	22/05/2009	16.18	22/05/2009	17.07	Tripped on Distance protection
Voltage Level : 220KV			Outage Type TRIPPED		
Khaparkheda - Ambazari - II	21/05/2009	15.18	22/05/2009	17.04	Tripped on Dist.Prot.
Khaparkheda - Kanhan - II	21/05/2009	15.20	22/05/2009	17.41	Tripped on Dist.Prot.
Kolhapur - Karad - II	22/05/2009	03.25		Continued.	Tripped on Dist.Prot.
Pedambe-Mahad	22/05/2009	09.32	22/05/2009	10.40	Bus bar protection operated.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/May/2009

Position as on 6.30 Hrs of 23/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Nagothane-Mahad	22/05/2009	09.32	22/05/2009	10.55	Bus bar protection operated.
Trombay-Kalwa	22/05/2009	13.03	22/05/2009	18.52	Tripped on dist.prot.R Ph.
Butibori - Wardha	22/05/2009	17.45	22/05/2009	18.05	Tripped on Distance protection
Akola - Badnera - II	22/05/2009	17.56		Continued.	Tripped on Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	65
Unit 3	105	0
Unit 4	105	75
Unit 5	200	0
Unit 6	210	140
Unit 7	210	130
	1040	410
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	150
Unit 4	210	150
Unit 5	210	150
Unit 6	250	200
	940	690
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	400
Unit 6	500	410
Unit 7	500	415
	2340	1775
Paras		
Unit 2	55	30
Unit 3	250	225
	305	255
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	0
Unit 3	210	180
Unit 4	210	170
Unit 5	210	170
	870	610
Uran		
All Units	852	640
	852	640
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	20
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	10
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	193
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	575
RGPPPL III	740	
	1480	575
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	444
	2024	1874
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3037
	3143	3037