



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/May/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.065	2736.040	1) Madhya Pradesh	65.029	1407.286
2) Hydro	5.045	312.764	2) Gujrat	15.453	439.958
3) Gas	15.048	364.104	3) Goa	-4.828	-145.094
Total MSGENCO	133.158	3412.908	4) TAPS 1&2 (Inj.)	6.801	152.340
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	22.123	382.431	# Total Cent. Sector	82.455	1852.569
2) Wind Generation	19.431	297.867	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-2.983	-46.223
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.703	790.905	1) MSEDCL Bilateral	6.733	229.614
2) TPCL Hydro	0.941	88.521	Include PX	0.000	33.573
TOTAL TPCL	28.644	879.426	2) MUMBAI Bilateral	3.988	71.053
3) REL Thermal	12.623	302.174	Include PX	0.000	-13.291
D) STATE			3) MUMBAI Schedule	3.988	71.053
1) Thermal (A1+C1+C3)	153.391	3829.119	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	5.986	403.206	1) MSEDCL	254.184	5903.394
3) Gas (A3+B1)	37.171	746.535	2) TPCL	28.560	815.501
4) Wind (B2)	19.431	297.867	3) REL	15.687	408.590
TOTAL STATE	215.979	5276.727	TOTAL STATE	298.431	7127.485

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	4768	4740	4606
MSGENCO Hydro	94	735	56
MSGENCO Gas	650	646	643
MSGENCO Total Generation	5512	6121	5305
Central Sector Receipt	3880	3337	2862
RGPPL	922	925	925
WIND	576	811	1024
Exchange with TPCL	-145	-169	-32
MSEDCL DEMAND MET	10745	11025	10084
Load Shedding	141	1335	0
MSEDCL DEMAND (INCL. LS)	10886	12360	10084
TPCL GENERATION	1128	1361	1124
REL GENERATION	525	523	528
TPCL+REL DEMAND	1798	2053	1684
STATE DEMAND MET	12543	13078	11768
STATE DEMAND (INCL. LS)	12684	14413	11768
Frequency (Hz)	50.13	50.19	50.14
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2174 MW At 22.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			23.85 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.81 Hz at 17.50 Hrs	49.49 Hz at 05.41 Hrs	50.08	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 24/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	1.68	25.97	78	45	70
Unit 3	0.00	28.21	0	0	0
Unit 4	0.83	25.03	76	0	0
Unit 5	2.39	69.06	145	0	70
Unit 6	3.75	77.96	170	140	160
Unit 7	3.61	76.50	160	135	150
	12.26	309.84			450
Bhusawal					
Unit 1	1.27	24.89	56	48	50
Unit 2	3.86	86.66	169	145	170
Unit 3	4.10	98.64	175	159	175
	9.23	210.19			395
Parli					
Unit 1	0.43	11.51	19	17	20
Unit 2	0.54	13.49	25	20	20
Unit 3	3.39	62.82	149	132	150
Unit 4	3.59	89.76	158	140	150
Unit 5	4.04	80.56	178	143	165
Unit 6	4.96	110.22	217	193	220
	16.96	368.36			725
Chandrapur					
Unit 1	4.14	97.53	178	142	170
Unit 2	3.97	95.63	168	162	170
Unit 3	4.77	106.21	207	171	210
Unit 4	0.00	0.00	0	0	0
Unit 5	9.66	192.50	450	360	400
Unit 6	9.31	225.96	420	338	400
Unit 7	9.43	203.92	425	367	400
	41.28	921.74			1750
Paras					
Unit 2	1.09	22.67	47	40	45
Unit 3	4.89	118.88	217	192	210
	5.99	141.55			255
Khaparkheda					
Unit 1	4.15	99.43	179	165	170
Unit 2	4.15	101.50	177	165	170
Unit 3	4.15	103.27	178	170	170
Unit 4	4.16	102.84	177	169	170
	16.61	407.04			680
Nasik					
Unit 1	2.19	45.22	98	84	90
Unit 2	0.00	32.53	0	0	0
Unit 3	4.45	102.56	193	172	180
Unit 4	0.00	98.43	0	0	0
Unit 5	4.09	98.58	177	163	170
	10.73	377.31			440
Uran					
All Units	15.05	364.10	661	505	640
	15.05	364.10			640
Koyna					
Stage 1-2	1.32	58.96	185	30	600
Stage 4	2.53	129.18	560	0	250
Koyna 12&4 Total	3.85	188.14			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.02	39.84	20	0	320
	3.87	227.97			1170
Hydro					
KDPH	0.00	10.88	0	0	0
VTRNA	0.55	23.54	61	0	61
TILLARI	0.00	3.53	0	0	0
BHTGR/VEER	0.12	17.07	6	5	16
BHIRA T.R.	0.17	4.46	56	0	80
RNGR+BHTSA	0.28	7.48	12	11	12
BHANDARDRA	0.00	10.83	0	0	15
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.12	10	0	0
GHATGHAR	0.00	5.87	0	0	0
	1.18	84.79			184
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.76	9.18			
Vankuswadi	1.46	19.13			
ATIT	0.31	3.71			
Kale	0.19	3.98			
Satara	0.71	13.43			
Shirala	0.58	7.24			
K Mahankal	0.91	4.83			
Supa	0.26	4.95			
Vita	2.93	34.71			
Dondaicha	7.51	130.28			
Sakri	1.28	21.45			
Nandurbar	1.07	18.98			
Khadakale	0.91	14.95			
Khaparale	0.56	11.03			
	19.43	297.87			
Dabhol					
RGPP L II	22.12	382.43	926	898	575
RGPP L III	0.00	0.00	0	0	
	22.12	382.43			575
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	290.57	505	505	500
Trombay 6	6.78	252.08	510	150	500
Trombay 7A	2.86	67.82	126	110	120
Trombay 7B	1.60	38.06	69	63	60
Trombay 8	4.35	142.37	251	0	250
TATA Hydro	0.94	88.52	187	0	444
	28.64	879.43			1874
REL					
1&2	12.62	302.17	530	523	500
	12.62	302.17			500
Cent Sect					
Share					3028
					3028

MS PG CL	Thermal	113.06	2736.04		4695
	Thml+Gas	128.11	3100.14		5335
	Hydro	5.04	312.76		1354
	Total	133.16	3412.91		6689
State Total		215.98	5276.73		12666

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	4498	71	654	5223	923	868	2842	3182	-88	-36	10160	0	10160	2036	12196	49.88
2	4532	56	655	5243	924	950	2799	2950	-88	-36	10031	0	10031	1902	11933	49.92
3	4541	61	653	5255	924	1081	2799	2920	-88	-33	10147	0	10147	1769	11916	49.95
4	4606	56	643	5305	925	1024	2799	2862	-88	-32	10084	0	10084	1684	11768	50.14
5	4697	56	637	5390	923	1044	2799	2959	-88	-32	10284	0	10284	1655	11939	49.83
6	4700	152	636	5488	924	1006	2801	3180	-88	-48	10550	0	10550	1672	12222	49.74
7	4756	127	646	5529	922	976	2829	3054	-88	-41	10440	0	10440	1665	12105	50.06
8	4821	113	661	5595	922	885	2885	3223	-90	-30	10595	0	10595	1647	12242	50.17
9	4795	193	660	5648	923	853	2890	3360	-88	-57	10727	22	10749	1659	12408	50.24
10	4784	95	653	5532	923	718	2957	3704	-203	-147	10730	113	10843	1750	12593	50.04
11	4768	94	650	5512	922	576	2955	3880	-203	-145	10745	141	10886	1798	12684	50.13
12	4779	128	640	5547	920	573	2953	3857	-203	-147	10750	224	10974	1821	12795	49.92
13	4753	136	640	5529	898	529	2956	4191	-203	-182	10965	227	11192	1871	13063	49.94
14	4739	125	627	5491	918	475	2955	4276	-295	-269	10891	174	11065	1822	12887	50.05
15	4759	51	590	5400	919	553	2977	4289	-295	-265	10896	879	11775	1882	13657	50.11
16	4740	58	560	5358	921	646	3009	4159	-249	-218	10866	881	11747	1817	13564	50.20
17	4779	554	550	5883	924	747	3043	3701	-203	-174	11081	907	11988	1819	13807	50.39
18	4735	628	505	5868	926	767	3047	3338	-196	-168	10731	770	11501	1805	13306	50.61
19	4655	210	545	5410	923	961	3045	3051	-200	-169	10176	900	11076	1817	12893	50.37
20	4711	541	611	5863	922	855	3018	3314	-211	-189	10765	1335	12100	2046	14146	49.86
21	4740	735	646	6121	925	811	3097	3337	-213	-169	11025	1335	12360	2053	14413	50.19
22	4720	521	646	5887	924	867	3095	3532	-210	-165	11045	1334	12379	2077	14456	50.22
23	4716	203	645	5564	923	827	3127	3235	-209	-169	10380	1333	11713	2080	13793	49.99
24	4668	81	646	5395	925	837	3051	2897	-101	-62	9992	1329	11321	2103	13424	50.06
MUs	112.99	5.04	15.00	133.04	22.12	19.43	70.73	82.45	-3.99	-2.98	254.06	11.90	265.96	44.25	310.21	50.08

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 24/May/2009

Position as on 6.30 Hrs of 25/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.	30/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Annual Overhaul	30/05/2009
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	24/05/2009	14.02	Coal Shortage	
Koradi Unit 3	105	20/05/2009	21.46		Continued.	Furnace Casing damage.	28/05/2009
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.	26/05/2009
Nasik Unit 2	125	22/05/2009	17.15		Continued.	Coal Mill Problem	26/05/2009
Koradi Unit 5	200	23/05/2009	03.33	24/05/2009	03.47	Fire in Boiler corner No.4	
Koradi Unit 4	115	23/05/2009	23.05	24/05/2009	10.32	NO COAL	
Nasik Unit 4	210	23/05/2009	23.13		Continued.	Gland steam cooler leakages	26/05/2009
Tata Trombay 8	250	24/05/2009	13:04	24/05/2009	15:14	Low Drum Level	
Cent_Sect NTPC(V-10)	500	25/05/2009	08.50		Continued.	Tripped on generator Protction operated.	26/05/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2009

Position as on 6.30 Hrs of 25/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 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	25/05/2009	07.50	Tripped on over voltage
Wardha - Akola - II	16/05/2009	17.48	25/05/2009	09.25	Tripped on over voltage
Wardha - Akola - II	25/05/2009	15.57	25/05/2009	17.37	Tripped at Wardha.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus-II at Kolhapur	22/05/2009	14.31	25/05/2009	15.55	Isolator work.
Padgha-Kharghar	24/05/2009	10.58	24/05/2009	17.16	To Keep Yoke Plate and One String In Order.
Dabhol-NewKoyna-II	25/05/2009	10.49	25/05/2009	15.05	Restranging of earthwire.
400/220KV ICT at Khadka	25/05/2009	12.14		Continued.	L.V.side on TBC.(overhauling on own breaker.)
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	24/05/2009	08.35	24/05/2009	20.10	Insulator Replacement
Bus Section -III @ Trombay	24/05/2009	09.10	24/05/2009	17.43	R.M. Work
Temghar-Colourchem	24/05/2009	10.25		Continued.	Implementation of ERS.
Kalwa-Ghatghar	24/05/2009	11.05	24/05/2009	13.44	Line Isolator maintaince Work.
125 MVA ICT-II@ BORIVALI	25/05/2009	08.40		Continued.	Replacement of isolator.
Ambazari-Amravati	25/05/2009	09.42	25/05/2009	19.14	R.M. Work
M.B. at Lote S/S.	25/05/2009	10.00	25/05/2009	18.15	Cable trench & Main bus maintenance.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malkapur - Khamgaon	24/05/2009	09.14	25/05/2009	16.10	RETROFITTING
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
500kv HVDC Pole1	24/05/2009	16.48	24/05/2009	21.50	To Attained Thyristor Valve Problem @ Chandrapur.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Dhabhol-N'Thane I	22/05/2009	18.11	24/05/2009	10.35	Taken on TBC(Breaker work)
400/220KV 315MVA ICT-III at Karad.	25/05/2009	11.06	25/05/2009	13.48	Attending hot spot.
Karad-Kolhapur-II	25/05/2009	17.18	25/05/2009	17.26	Shifted on M.B.II
400/220KV 315MVA ICT-III at Karad.	25/05/2009	18.56	25/05/2009	19.26	Sparking 220 KV R ph. isolator
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
ONGC-Panvel TSS	25/05/2009	09.05	25/05/2009	19.55	Main breaker air leakage problem.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSR-Waluj	24/05/2009	09.50	24/05/2009	19.18	Hand Tripped to Control BBLR ICT Load.
Bablsr-Ranjangaon	24/05/2009	13.07	24/05/2009	18.35	Hand Tripped to Control BBLR ICT Load.
Miraj-Vita	25/05/2009	11.00	25/05/2009	23.35	HT FOR KARAD-VITA-I LINE LOADING

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2009

Position as on 6.30 Hrs of 25/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Vita-Maisal	25/05/2009	11.00	25/05/2009	23.35	HT FOR KARAD-VITA-I LINE LOADING
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC POLE I -CHDPR	23/05/2009	19.24	24/05/2009	02:50	Thyrister valve problem
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi - Akola	25/05/2009	15.57	25/05/2009	17.02	Tripped M I and II prot. Operated.
Voltage Level : 220KV			Outage Type TRIPPED		
Trombay-Mulund	23/05/2009	12.09	24/05/2009	22.10	Charged from Mulund end only.
Bhugaon-Wardha	23/05/2009	16.14		Continued.	Both end Y phase CC damaged
Chalisgaon-BSL-I	25/05/2009	17.04	25/05/2009	17.25	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Mehkar - Malegaon	25/05/2009	05.30	25/05/2009	05.40	Back Up O/C.
Paras-Malegaon	25/05/2009	06.22	25/05/2009	18.12	B Phase CT Burst
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Kalyan	25/05/2009	11.16	25/05/2009	11.39	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	0
Unit 4	105	70
Unit 5	200	140
Unit 6	210	130
Unit 7	210	140
	1040	550
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	165
Unit 6	250	220
	940	725
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	400
Unit 6	500	425
Unit 7	500	450
	2340	1825
Paras		
Unit 2	55	50
Unit 3	250	205
	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	95
Unit 2	120	0
Unit 3	210	180
Unit 4	210	0
Unit 5	210	180
	870	455
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	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	157
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	120
Trombay 7B	60	65
Trombay 8	250	120
TATA Hydro	444	444
	2024	1749
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3172
	3143	3172