



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/May/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.112	2961.590	1) Madhya Pradesh	60.469	1533.333
2) Hydro	7.939	330.821	2) Gujrat	16.855	467.753
3) Gas	15.483	395.103	3) Goa	-6.088	-157.058
Total MSGENCO	136.534	3687.514	4) TAPS 1&2 (Inj.)	6.784	165.932
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	22.099	426.580	# Total Cent. Sector	78.020	2008.039
2) Wind Generation	17.798	334.978	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-5.040	-56.162
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.827	852.238	1) MSEDCL Bilateral	6.565	242.760
2) TPCL Hydro	5.772	100.146	Include PX	0.000	33.573
TOTAL TPCL	36.599	952.384	2) MUMBAI Bilateral	5.519	82.312
3) REL Thermal	12.647	327.443	Include PX	0.000	-13.291
D) STATE			3) MUMBAI Schedule	5.519	82.312
1) Thermal (A1+C1+C3)	156.586	4141.271	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.711	432.888	1) MSEDCL	249.411	6404.791
3) Gas (A3+B1)	37.582	821.683	2) TPCL	36.370	887.986
4) Wind (B2)	17.798	334.978	3) REL	17.913	444.268
TOTAL STATE	225.677	5730.820	TOTAL STATE	303.694	7737.045

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	4813	4751	4552
MSGENCO Hydro	658	657	66
MSGENCO Gas	642	639	650
MSGENCO Total Generation	6113	6047	5268
Central Sector Receipt	3462	3228	3026
RGPPL	920	921	923
WIND	541	768	878
Exchange with TPCL	-424	-163	-29
MSEDCL DEMAND MET	10612	10801	10066
Load Shedding	1506	2302	96
MSEDCL DEMAND (INCL. LS)	12118	13103	10162
TPCL GENERATION	1709	1768	1206
REL GENERATION	526	523	529
TPCL+REL DEMAND	2659	2454	1764
STATE DEMAND MET	13271	13255	11830
STATE DEMAND (INCL. LS)	14777	15557	11926
Frequency (Hz)	49.87	49.46	50.15
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2980 MW At 14.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			46.27 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.53 Hz at 18.04 Hrs	48.97 Hz at 19.35 Hrs	49.8	.14 % 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 26/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	1.60	29.07	74	44	70
Unit 3	0.00	28.21	0	0	0
Unit 4	1.57	28.20	76	44	75
Unit 5	3.56	75.92	161	136	140
Unit 6	3.54	84.93	162	130	140
Unit 7	4.02	84.06	194	134	130
	14.28	337.50			555
Bhusawal					
Unit 1	1.13	27.19	54	40	50
Unit 2	3.63	94.00	174	138	150
Unit 3	4.03	106.70	173	162	170
	8.79	227.89			370
Parli					
Unit 1	0.43	12.37	19	17	20
Unit 2	0.56	14.58	25	22	20
Unit 3	3.34	69.58	146	129	150
Unit 4	3.68	97.07	159	145	150
Unit 5	4.03	88.58	174	170	160
Unit 6	5.04	120.26	229	189	220
	17.08	402.45			720
Chandrapur					
Unit 1	4.16	105.88	179	171	170
Unit 2	4.00	103.67	169	165	170
Unit 3	4.40	115.30	208	172	210
Unit 4	0.00	0.00	0	0	0
Unit 5	8.96	210.92	404	338	400
Unit 6	9.16	244.47	420	345	425
Unit 7	9.52	222.90	428	367	450
	40.20	1003.13			1825
Paras					
Unit 2	0.60	24.10	27	22	30
Unit 3	5.10	128.96	246	180	202
	5.70	153.06			232
Khaparkheda					
Unit 1	4.18	107.79	181	169	170
Unit 2	4.06	109.64	172	162	170
Unit 3	4.14	111.55	174	170	170
Unit 4	4.15	111.14	176	168	170
	16.53	440.13			680
Nasik					
Unit 1	2.18	49.59	96	87	90
Unit 2	0.00	32.53	0	0	0
Unit 3	4.22	110.50	188	161	170
Unit 4	0.00	98.43	0	0	0
Unit 5	4.13	106.39	181	165	170
	10.53	397.43			430
Uran					
All Units	15.48	395.10	651	628	640
	15.48	395.10			640
Koyna					
Stage 1-2	3.64	66.15	425	40	600
Stage 4	1.69	134.31	518	0	250
Kovna 12&4 Total	5.33	200.46			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.60	43.28	164	0	320
	6.92	243.73			1170
Hydro					
KDPH	0.42	11.30	35	0	0
VTRNA	0.00	23.80	0	0	60
TILLARI	0.00	3.53	0	0	0
BHTGR/VEER	0.02	17.57	1	0	15
BHIRA T.R.	0.28	4.93	81	0	80
RNGR+BHTSA	0.25	8.02	11	10	12
BHANDARDRA	0.00	10.83	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.24	10	0	0
GHATGHAR	0.00	5.87	0	0	0
	1.02	87.09			167
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.55	10.33			
Vankuswadi	1.18	21.71			
ATIT	0.17	4.15			
Kale	0.10	4.24			
Satara	0.49	15.17			
Shirala	0.45	8.23			
K Mahankal	0.65	5.64			
Supa	0.17	5.46			
Vita	2.12	39.81			
Dondaicha	8.24	146.44			
Sakri	1.26	23.97			
Nandurbar	1.18	21.27			
Khadakale	0.50	16.17			
Khaparale	0.72	12.41			
	17.80	334.98			
Dabhol					
RGPP L II	22.10	426.58	926	913	575
RGPP L III	0.00	0.00	0	0	
	22.10	426.58			575
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.11	314.80	505	500	500
Trombay 6	10.94	273.82	510	270	500
Trombay 7A	2.95	73.76	126	119	110
Trombay 7B	1.63	41.33	69	68	70
Trombay 8	3.19	148.53	145	125	250
TATA Hydro	5.77	100.15	466	2	444
	36.60	952.38			1874
REL					
1&2	12.65	327.44	530	523	500
	12.65	327.44			500
Cent Sect					
Share					3122
					3122

MS PG CL	Thermal	113.11	2961.59		4812
	Thml+Gas	128.60	3356.69		5452
	Hydro	7.94	330.82		1337
	Total	136.53	3687.51		6789
State Total		225.68	5730.82		12860

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	4534	85	648	5267	923	675	2780	3331	-80	-26	10170	505	10675	2070	12745	49.95
2	4535	51	650	5236	924	802	2704	2967	-80	-32	9897	328	10225	1874	12099	50.14
3	4552	66	650	5268	923	878	2704	3026	-80	-29	10066	96	10162	1764	11926	50.15
4	4534	51	650	5235	923	871	2704	3180	-80	-32	10177	86	10263	1686	11949	50.16
5	4537	121	648	5306	922	896	2704	2960	-80	-26	10058	281	10339	1650	11989	49.95
6	4639	355	650	5644	923	860	2704	2987	-80	-25	10389	888	11277	1673	12950	49.88
7	4777	128	651	5556	922	843	2630	2677	-80	-28	9970	1293	11263	1651	12914	49.92
8	4841	56	650	5547	922	782	2806	2867	-124	-98	10020	1264	11284	1792	13076	49.99
9	4835	91	650	5576	922	809	2814	3241	-133	-131	10417	1403	11820	2060	13880	49.94
10	4789	578	643	6010	920	775	3126	3396	-438	-422	10679	1432	12111	2407	14518	49.77
11	4813	658	642	6113	920	541	3122	3462	-438	-424	10612	1506	12118	2659	14777	49.87
12	4760	610	636	6006	916	557	3121	3576	-438	-425	10630	1916	12546	2747	15293	49.72
13	4766	450	632	5848	913	559	3126	3717	-438	-442	10595	2253	12848	2682	15530	49.75
14	4768	398	631	5797	916	591	3123	3789	-438	-446	10647	2419	13066	2681	15747	49.70
15	4729	450	630	5809	917	604	3134	3447	-438	-446	10331	2635	12966	2735	15701	49.62
16	4669	471	628	5768	916	604	3168	3304	-438	-444	10148	2578	12726	2774	15500	49.47
17	4716	207	631	5554	916	746	3171	3392	-442	-449	10159	2497	12656	2752	15408	49.51
18	4769	156	641	5566	919	658	2980	3358	-266	-268	10233	2307	12540	2581	15121	49.80
19	4783	96	644	5523	923	787	2938	3174	-204	-188	10219	1984	12203	2442	14645	49.86
20	4751	657	639	6047	921	768	3028	3228	-160	-163	10801	2302	13103	2454	15557	49.46
21	4769	815	644	6228	924	758	3040	3242	-160	-144	11008	2103	13111	2420	15531	49.64
22	4822	546	645	6013	923	850	3041	3309	-160	-141	10954	1914	12868	2285	15153	49.65
23	4813	446	646	5905	925	810	3061	3308	-160	-142	10806	1400	12206	2247	14453	49.70
24	4761	397	645	5803	926	771	2884	3126	-84	-69	10557	1165	11722	2200	13922	49.69
MUs	113.26	7.94	15.42	136.62	22.10	17.80	70.61	78.06	-5.52	-5.04	249.54	36.56	286.10	54.29	340.38	49.80

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 26/May/2009

Position as on 6.30 Hrs of 27/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
Cent_Sect NTPC(V-10)	500	25/05/2009	08.50		Continued.	Capital overhaul	26/06/2009
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	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 3	105	20/05/2009	21.46		Continued.	Furnace Casing damage.	31/05/2009
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.	31/05/2009
Nasik Unit 2	125	22/05/2009	17.15	27/05/2009	00.40	Coal Mill Problem	
Nasik Unit 4	210	23/05/2009	23.13	27/05/2009	03.00	Gland steam cooler leakages	
Koradi Unit 6	210	27/05/2009	02.26		Continued.	Coal Mill Problem	30/05/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/May/2009

Position as on 6.30 Hrs of 27/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Mudshingi-Chikodi	27/05/2009	12.55	27/05/2009	15.10	Q.M. WORK
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
DHULE-SAR'SAROVAR-I	27/05/2009	02.27	27/05/2009	07.29	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT at Khadka	25/05/2009	12.14		Continued.	L.V.side on TBC.(overhauling on own breaker.)
400/220kv,315 MVA ICT-I at Nagothane	26/05/2009	09.21	26/05/2009	18.27	R.M. Work
Lonikand-Parly -I	26/05/2009	11.07	26/05/2009	12.59	On TBC,to attend main bkr oil leakage.
Parli-Solapur	27/05/2009	14.36	27/05/2009	18.33	Isolator alignment Work,at Solapur
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Temghar-Colourchem	24/05/2009	10.25		Continued.	Line diversion work.
220/100kv,125MVA ICT-II at Borivali	25/05/2009	08.40		Continued.	Replacement of isolator.
Osmanabad --Bale	26/05/2009	08.20	26/05/2009	13.23	Isolator alignment work.
Kolhapur-Karad-IV	26/05/2009	08.50	26/05/2009	12.22	R.M. Work
Nasik-Bablsr Ckt I	26/05/2009	08.58	26/05/2009	18.39	Restrining of E/W
Khaparkhedha - Kanhan - II	26/05/2009	10.47	26/05/2009	16.37	Trip Ckt.Sup.relay replacement work.
220/100 KV,200 MVA ICT-II at Apta	26/05/2009	12.10	26/05/2009	13.15	PRV & Buchholz covering work.
Miraj -Ichalkarajni	26/05/2009	14.00	26/05/2009	19.40	C.T.cold Welding work.
Karad - Peth	26/05/2009	15.28	26/05/2009	18.23	To attend hot spot
Koradi-Ambazari ckt - II	27/05/2009	08.33	27/05/2009	18.01	Replacement Of B Ph Wavetrap at Ambazari.
Nasik-Bablsr Ckt II	27/05/2009	08.38	27/05/2009	18.34	Restrining of Earth Wire
Chandrapur-Warora - I	27/05/2009	09.01		Continued.	Retrofitting work.
Kharepatan-Pawas	27/05/2009	09.20	27/05/2009	18.26	Insulator Washing
Khaparkhedha-Kawlewada-II	27/05/2009	10.16	27/05/2009	15.35	R.M. Work
Karad-Pophali	27/05/2009	10.22	27/05/2009	13.56	To attend Hot Spot On T Clamp.
220/110 KV 100 MVA T/F.At Miraj.	27/05/2009	11.50	27/05/2009	14.58	tand Measurement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Karad-Vita-II	25/05/2009	13.06	26/05/2009	00.45	Y'Ph CT Leakage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bableshwar-Bhenda	27/05/2009	17.21	27/05/2009	21.22	To control BBLSR ICT Loading.
Warora-Hinganghat	27/05/2009	19.39		Continued.	To Control Load Of 220 KV CHDPR-WARORA-II.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Parli-Gangakhed	26/05/2009	23.12	27/05/2009	01.46	Aux.Bus Isolator.Heavy Sparking.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/May/2009

Position as on 6.30 Hrs of 27/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur;-Bhadravati-4	26/05/2009	17.27	26/05/2009	17.56	Tripped on Dist.Prot.Z-I,B-E
Voltage Level : 220KV			Outage Type TRIPPED		
Wardha-Bhugaon	23/05/2009	16.14	26/05/2009	18.50	'B'Ph.C.T.leakage at Wardha.
Kandalgaon-Khargar	26/05/2009	12.30	26/05/2009	12.55	Tripped on Dist.Prot. Y-E
Lonikhand-Theur CKT. II	27/05/2009	12.28	27/05/2009	13.27	Dist.Prot.Operated,P.T.Fuse Fail, Tripped from Theur end only.
Nasik-Bablswr Ckt I	27/05/2009	16.58	27/05/2009	17.33	Dist.Prot,B Ph-E
Voltage Level : 132KV			Outage Type TRIPPED		
Boisar-MIDC	27/05/2009	14.11	27/05/2009	15.04	Dist.Prot,R Ph Conductor Snapped.
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Theur-Jejuri	26/05/2009	12.16	26/05/2009	13.40	Retrofitting work.
Voltage Level : 220KV			Outage Type TRIPPED		
Theur-Jejuri	27/05/2009	12.43	27/05/2009	13.28	Dist.Prot.Operated,P.T.Fuse Fail, Tripped from Theur end only.
Theur-Chinchwad	27/05/2009	12.45	27/05/2009	13.32	Dist.Prot.operated,P.T.Fuse fail.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/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	0
Unit 7	210	180
	1040	460
Bhusawal		
Unit 1	58	50
Unit 2	210	175
Unit 3	210	175
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	160
Unit 6	250	220
	940	720
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	425
	2340	1800
Paras		
Unit 2	55	20
Unit 3	250	210
	305	230
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	90
Unit 3	210	170
Unit 4	210	170
Unit 5	210	170
	870	690
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	36
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	12
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	213
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	575
RGPL III	740	
	1480	575
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	150
TATA Hydro	444	447
	2024	1777
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3116
	3143	3116