



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Jul/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	85.058	2463.456	1) Madhya Pradesh	37.110	1157.902
2) Hydro	6.246	167.699	2) Gujrat	21.962	477.729
3) Gas	14.368	330.467	3) Goa	-4.951	-142.341
Total MSGENCO	105.672	2961.622	4) TAPS 1&2 (Inj.)	6.171	105.404
B) OTHERS			5) Pench (Excess)	-0.847	-6.439
1) RGPPL Gas	22.442	576.835	# Total Cent. Sector	59.445	1592.255
2) Wind Generation	23.035	426.386	F) Other Exchanges		
3) PENCH (MS)	0.847	8.097	1) With TPCL	-2.574	-110.247
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	22.453	710.714	1) MSEDCL Bilateral	0.614	58.617
2) TPCL Hydro	2.666	93.378	Include PX	0.000	2.020
TOTAL TPCL	25.119	804.092	2) MUMBAI Bilateral	0.976	102.801
3) REL Thermal	12.699	314.383	Include PX	0.000	40.378
D) STATE			3) MUMBAI Schedule	0.976	112.231
1) Thermal (A1+C1+C3)	120.210	3488.553	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	9.759	269.174	1) MSEDCL	208.867	5463.045
3) Gas (A3+B1)	36.810	907.302	2) TPCL	26.153	811.616
4) Wind (B2)	23.035	426.386	3) REL	14.237	417.098
TOTAL STATE	189.814	5091.415	TOTAL STATE	249.257	6691.759

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3454	3344	3709
MSGENCO Hydro	306	564	125
MSGENCO Gas	635	629	542
MSGENCO Total Generation	4395	4537	4376
Central Sector Receipt	2410	2915	2182
RGPPL	936	935	935
WIND	1005	1088	992
Exchange with TPCL	-114	-142	-70
MSEDCL DEMAND MET	8642	9360	8468
Load Shedding	1740	1629	0
MSEDCL DEMAND (INCL. LS)	10382	10989	8468
TPCL GENERATION	1200	1216	781
REL GENERATION	529	529	530
TPCL+REL DEMAND	1843	1887	1381
STATE DEMAND MET	10485	11247	9849
STATE DEMAND (INCL. LS)	12225	12876	9849
Frequency (Hz)	49.57	49.65	49.72
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1753 MW at 11.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			24.10 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.29 Hz at 18.03 Hrs	48.97 Hz at 11.17 Hrs	49.61	.06 % 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/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	24.93	0	0	0
Unit 2	0.00	14.16	0	0	0
Unit 3	1.35	26.93	80	24	70
Unit 4	0.06	3.00	28	0	0
Unit 5	2.75	67.63	158	0	170
Unit 6	3.81	84.68	188	139	170
Unit 7	0.00	47.54	0	0	0
	7.97	268.88			410
Bhusawal					
Unit 1	0.36	20.67	20	10	20
Unit 2	0.00	68.29	0	0	0
Unit 3	3.28	90.93	161	114	150
	3.63	179.89			170
Parli					
Unit 1	0.52	12.10	24	18	20
Unit 2	0.54	14.16	26	19	20
Unit 3	4.00	50.26	172	157	150
Unit 4	0.00	79.64	0	0	0
Unit 5	3.91	95.83	177	159	150
Unit 6	0.00	0.00	0	0	0
	8.97	251.99			340
Chandrapur					
Unit 1	3.78	93.30	161	141	150
Unit 2	3.54	90.80	154	145	145
Unit 3	4.62	101.46	207	163	200
Unit 4	4.57	100.31	201	156	200
Unit 5	10.02	224.55	448	386	425
Unit 6	9.24	207.25	431	317	400
Unit 7	0.00	141.54	0	0	0
	35.78	959.22			1520
Paras					
Unit 2	0.58	21.30	39	20	35
Unit 3	3.28	95.28	150	115	100
	3.87	116.58			135
Khaparkheda					
Unit 1	1.78	100.39	181	0	170
Unit 2	4.28	98.86	188	166	170
Unit 3	4.60	104.00	211	171	170
Unit 4	4.58	103.48	214	167	170
	15.23	406.72			680
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	1.41	30.65	69	49	80
Unit 3	2.86	35.02	161	0	170
Unit 4	2.63	107.76	165	0	170
Unit 5	2.70	98.58	154	0	160
	9.60	280.18			580
Uran					
All Units	14.37	330.47	636	508	620
	14.37	330.47			620
Koyna					
Stage 1-2	1.38	38.91	175	25	600
Stage 4	0.00	40.60	0	0	250
Kovna 12&4 Total	1.38	79.51			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.94	34.09	160	0	240
	2.33	113.60			1090
Hydro					
KDPH	0.95	3.87	40	39	0
VTRNA	0.19	6.02	61	0	60
TILLARI	0.80	17.65	60	0	60
BHTGR/VEER	0.29	1.15	12	12	0
BHIRA T.R.	0.38	8.44	80	0	80
RNGR+BHTSA	0.12	4.04	5	5	4
BHANDARDRA	0.91	7.31	38	38	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.28	5.63	125	0	0
	3.92	54.10			234
PENCH (MS)					
Pench (MS)	0.85	8.10	53	10	
	0.85	8.10			
Wind					
MalharPeth	1.03	20.82			
Vankuswadi	2.30	47.28			
ATIT	0.27	9.46			
Kale	0.24	8.31			
Satara	0.94	29.63			
Shirala	0.73	17.93			
K Mahankal	1.16	10.30			
Supa	0.43	9.07			
Vita	2.97	93.45			
Dondaicha	7.74	108.61			
Sakri	1.49	17.72			
Nandurbar	0.96	12.03			
Khadakale	1.84	24.26			
Khaparale	0.95	17.53			
	23.04	426.39			
Dabhol					
RGPP L II	22.44	576.84	937	930	890
RGPP L III	0.00	0.00	0	0	
	22.44	576.84			890
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.88	283.28	500	460	500
Trombay 6	10.13	262.26	510	225	500
Trombay 7A	0.00	64.90	0	0	0
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	0.44	94.10	80	0	190
TATA Hydro	2.67	93.38	269	54	447
	25.12	804.09			1637
REL					
1&2	12.70	314.38	531	527	500
	12.70	314.38			500
Cent Sect					
Share					2855
					2855

MS PG CL	Thermal	85.06	2463.46		3835
	Thml+Gas	99.43	2793.92		4455
	Hydro	6.25	167.70		1324
	Total	105.67	2961.62		5779
State Total		189.81	5091.42		11661

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Jul/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	3792	125	508	4425	930	976	2558	2264	5	-72	8552	448	9000	1669	10669	49.34
2	3805	135	510	4450	933	1055	2455	2343	5	-74	8741	382	9123	1508	10631	49.51
3	3771	120	510	4401	934	1011	2444	2241	5	-77	8563	262	8825	1456	10281	49.70
4	3709	125	542	4376	935	992	2444	2182	5	-70	8468	0	8468	1381	9849	49.72
5	3683	120	576	4379	935	893	2444	2319	5	-70	8509	0	8509	1375	9884	49.61
6	3718	271	608	4597	937	829	2444	2480	5	-61	8835	639	9474	1413	10887	49.44
7	3688	220	596	4504	936	826	2457	2305	5	-57	8567	1188	9755	1517	11272	49.46
8	3597	220	614	4431	936	885	2470	2548	5	-51	8802	1138	9940	1546	11486	49.44
9	3640	281	628	4549	937	927	2457	2471	5	-48	8889	1329	10218	1627	11845	49.59
10	3604	260	608	4472	936	948	2403	2454	-67	-112	8751	1525	10276	1788	12064	49.53
11	3454	306	635	4395	936	1005	2387	2410	-67	-114	8642	1740	10382	1843	12225	49.57
12	3441	352	633	4426	935	778	2389	2330	-67	-113	8382	1632	10014	1871	11885	49.45
13	3448	314	619	4381	930	883	2389	2319	-67	-137	8403	1669	10072	1847	11919	49.68
14	3481	200	636	4317	936	863	2389	2054	-67	-135	8062	1534	9596	1754	11350	49.83
15	3522	187	632	4341	933	810	2389	2144	-67	-132	8123	1652	9775	1713	11488	49.62
16	3501	196	632	4329	935	934	2387	2310	-67	-136	8399	1151	9550	1656	11206	49.80
17	3595	181	633	4409	936	1141	2384	2308	-67	-138	8683	1101	9784	1658	11442	49.85
18	3595	186	628	4409	935	1060	2376	2466	-50	-123	8774	1102	9876	1653	11529	49.75
19	3611	249	628	4488	937	989	2391	2552	-65	-135	8858	1133	9991	1735	11726	49.98
20	3344	564	629	4537	935	1088	2617	2915	-76	-142	9360	1629	10989	1887	12876	49.65
21	3340	723	622	4685	936	1096	2722	2797	-76	-144	9397	1513	10910	1950	12860	49.39
22	3323	544	616	4483	936	1065	2721	2826	-73	-142	9195	1447	10642	1940	12582	49.53
23	3202	228	589	4019	936	1015	2732	3179	-83	-150	9026	1056	10082	1870	11952	49.48
24	3176	139	536	3851	937	966	2737	3228	-67	-141	8868	710	9578	1735	11313	49.64
MUs	85.04	6.25	14.37	105.65	22.44	23.04	59.59	59.44	-0.98	-2.57	208.85	25.98	234.83	40.39	275.22	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 26/Jul/2009

Position as on 6.30 Hrs of 27/Jul/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
Parli Unit 6	250	03/06/2009	06.35		Continued.	Annual Overhaul	28/07/2009
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Annual Overhaul.	09/08/2009
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	16/08/2009
Cent_Sect NTPC(V-7)	500	18/07/2009	23.27		Continued.	Annual Overhaul.	20/08/2009
Koradi Unit 7	210	20/07/2009	09.57		Continued.	Annual Overhaul	
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	04/09/2009
Tata Trombay 7A	120	25/07/2009	00.21		Continued.	Gas path inspection.	29/07/2009
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	20/08/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
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	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Cent_Sect Kawas GT1A	106	24/07/2009	09.42		Continued.	Low demand.	
Cent_Sect Gandhar U3	144	24/07/2009	10.41		Continued.	Low demand.	
Bhusawal Unit 2	210	24/07/2009	11.55		Continued.	Boiler Tube Leakage.	
Tata Trombay 8	250	25/07/2009	07.48	26/07/2009	06.08	Condenser Low vaccume.	
Koradi Unit 2	105	25/07/2009	10.15	27/07/2009	02.42	Bunkering Problem.	
Koradi Unit 4	115	26/07/2009	02.55		Continued.	Coal Bunkering Problem.	30/07/2009
Nasik Unit 3	210	26/07/2009	07.30	26/07/2009	10.20	Coal Bunkering Problem.	29/07/2009
Khaparkheda Unit 1	210	26/07/2009	11.01		Continued.	Boiler Tube Leakage.	29/07/2009
Tata Trombay 8	250	26/07/2009	12.20		Continued.	Furnance Pressure Low.	28/07/2009
Nasik Unit 4	210	26/07/2009	19.08	27/07/2009	00.55	L B B Operated At Nasik GCR.	
Nasik Unit 5	210	26/07/2009	19.08		Continued.	L B B Operated At Nasik GCR.	30/07/2009
Koradi Unit 5	200	26/07/2009	22.22		Continued.	Boiler Tube Leakage.	29/07/2009
Nasik Unit 3	210	27/07/2009	00.50		Continued.	Condenser Tube Leakage.	
Parli Unit 5	210	27/07/2009	03.15		Continued.	Boiler Protection Operated.	27/07/2009

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

Position as on 6.30 Hrs of 27/Jul/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		
Kolhapur-Phonda Ckt. I	26/07/2009	09.10		Continued.	Outage.
Tillary-Phonda	26/07/2009	09.52		Continued.	Outage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
AKOLA-WARDHA--I	09/07/2009	06:32		Continued.	H/T FOR O/V
Chandrapur-Bhadravati-II	23/07/2009	13.46		Continued.	H/T For O/V.
Kolhapur-Mapusa-II	25/07/2009	23.23	26/07/2009	01.58	H/T For O/V.
Kolhapur-Mapusa Ckt I	26/07/2009	02.02	26/07/2009	08.50	Relay heating problem.
Kolhapur-Mapusa-II	27/07/2009	00.04		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Colloped.
Dhule-Sar'Sarovar II	23/07/2009	00:18		Continued.	H/T For O/V.
Kolhapur-Mapusa Ckt I	26/07/2009	20.05	26/07/2009	23.13	Distance Protection,Y,B To Earth.
IntraState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Nasik-Bablsr Ckt I	09/07/2009	09:45		Continued.	CKT on TBC,for Main Breaker Replacement.
220/132 KV,63 MVA,ICT-2 at Lonand.	10/07/2009	12.10		Continued.	HV C.B.Repl.,ICT on TBC
Bus Coupler at Khaparkheda	16/07/2009	11.57		Continued.	C.B.O/H Work.
220/132 KV 63MVA T/F I at Lonand	23/07/2009	11.50		Continued.	Errection of New T/F
C'pur-Sicom-I	26/07/2009	09.50		Continued.	C.B.Replacement Work.Line on TBC.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	24/07/2009	06.25		Continued.	H/T To increase Akola ICT Load
Wardha--Dhamangaon	24/07/2009	06.26		Continued.	H/T To increase Akola ICT load.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Amravati-Morshi Ckt.	24/07/2009	21.15		Continued.	On TBC.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220kv 315MVA ICT-II at Karad.	26/07/2009	11.17	26/07/2009	12.23	NDR,PDR L V Breaker.
Voltage Level : 220KV			Outage Type TRIPPED		
220/6.6 KV 40 MVA Station T/F- I @ Kaparkheda	26/07/2009	09.28	26/07/2009	10.22	Earth Fault.
Miraj-Vita	26/07/2009	10.55	26/07/2009	17.35	Bus bar Protection operated.
Karad - Vita - I	26/07/2009	10.55	26/07/2009	14.40	Bus bar Protection Operated.
Karad-Vita-II	26/07/2009	10.55	26/07/2009	14.35	Bus Bar Protection Operated.
Vita - Karkambh	26/07/2009	10.55	26/07/2009	13.50	Bus Bar Protection Operated.
VITA-PANDHARPUR	26/07/2009	10.55	26/07/2009	15.13	Bus Bar Protection Operated.
Vita-Maisal	26/07/2009	10.55	26/07/2009	14.40	Bus Bar Protection Operated.
Vita - Ghatnandre	26/07/2009	10.55	26/07/2009	15.15	Bus Bar Protecton Operated.
LAMBOTI-PANDHARPUR	26/07/2009	12.56	26/07/2009	14.00	Tripped.

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

Position as on 6.30 Hrs of 27/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Kolhapur - Peth	26/07/2009	15.25	26/07/2009	20.47	Distance Protection.
Nasik-Bablsr Ckt II	26/07/2009	19.08		Continued.	Distance Protection.
Ghatghar-Nasik	26/07/2009	19.08	26/07/2009	21.08	L B B Operated.
Bus-Sect.III at Nasik	26/07/2009	19.08	26/07/2009	20.36	L B B Operated.
Bus Section - II @ Nasik	26/07/2009	19.08	26/07/2009	20.42	L B B Operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	80
Unit 4	105	0
Unit 5	200	0
Unit 6	210	170
Unit 7	210	0
	1040	320
Bhusawal		
Unit 1	58	20
Unit 2	210	0
Unit 3	210	150
	478	170
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	0
Unit 5	210	0
Unit 6	250	0
	940	190
Chandrapur		
Unit 1	210	150
Unit 2	210	145
Unit 3	210	180
Unit 4	210	200
Unit 5	500	425
Unit 6	500	400
Unit 7	500	0
	2340	1500
Paras		
Unit 2	55	20
Unit 3	250	140
	305	160
Khaparkheda		
Unit 1	210	0
Unit 2	210	190
Unit 3	210	205
Unit 4	210	210
	840	605
Nasik		
Unit 1	120	0
Unit 2	120	90
Unit 3	210	0
Unit 4	210	160
Unit 5	210	160
	870	410
Uran		
All Units	852	600
	852	600
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	240
	1920	1020
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	40
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	12
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	282
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	960	890
RGPPPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	0
Trombay 7B	60	0
Trombay 8	250	0
TATA Hydro	444	447
	2024	1447
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2910
	3143	2910