



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Jul/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	104.678	1266.190	1) Madhya Pradesh	39.160	566.048
2) Hydro	4.244	66.022	2) Gujrat	15.038	220.680
3) Gas	10.882	137.974	3) Goa	-4.835	-62.966
Total MSGENCO	119.804	1470.186	4) TAPS 1&2 (Inj.)	3.669	44.140
B) OTHERS			5) Pench (Excess)	-0.035	-1.933
1) RGPPL Gas	21.879	265.039	# Total Cent. Sector	52.997	765.969
2) Wind Generation	18.988	142.931	F) Other Exchanges		
3) PENCH (MS)	0.035	1.933	1) With TPCL	-0.126	-60.812
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.207	334.768	1) MSEDCL Bilateral	-0.441	46.178
2) TPCL Hydro	0.566	27.761	Include PX	0.000	1.086
TOTAL TPCL	27.773	362.529	2) MUMBAI Bilateral	1.346	52.310
3) REL Thermal	12.681	136.854	Include PX	-0.047	19.020
D) STATE			3) MUMBAI Schedule	1.346	61.740
1) Thermal (A1+C1+C3)	144.566	1737.812	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	4.845	95.716	1) MSEDCL	213.577	2587.179
3) Gas (A3+B1)	32.761	403.013	2) TPCL	26.340	369.507
4) Wind (B2)	18.988	142.931	3) REL	14.239	190.699
TOTAL STATE	201.160	2379.472	TOTAL STATE	254.156	3147.385

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	4482	4333	4403
MSGENCO Hydro	180	792	45
MSGENCO Gas	450	479	419
MSGENCO Total Generation	5112	5604	4867
Central Sector Receipt	2365	2540	1717
RGPPL	928	928	879
WIND	721	692	717
Exchange with TPCL	-33	-21	33
MSEDCL DEMAND MET	9093	9753	8213
Load Shedding	0	1202	0
MSEDCL DEMAND (INCL. LS)	9093	10955	8213
TPCL GENERATION	1254	1408	883
REL GENERATION	529	528	529
TPCL+REL DEMAND	1816	1957	1379
STATE DEMAND MET	10909	11710	9592
STATE DEMAND (INCL. LS)	10909	12912	9592
Frequency (Hz)	50.05	49.57	49.82
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1060 MW At 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			-1.70 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.53 Hz at 18.03 Hrs	49.01 Hz at 21.36 Hrs	49.82	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 12/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.09	11.97	58	32	50
Unit 2	0.00	1.44	0	0	0
Unit 3	1.76	15.13	82	50	75
Unit 4	0.00	0.00	0	0	0
Unit 5	3.29	30.38	151	111	110
Unit 6	3.75	41.91	174	128	160
Unit 7	3.80	26.55	185	124	160
	13.70	127.39			555
Bhusawal					
Unit 1	1.16	12.55	51	35	40
Unit 2	3.42	40.75	154	112	160
Unit 3	3.64	46.24	170	129	135
	8.22	99.54			335
Parli					
Unit 1	0.50	5.75	22	19	20
Unit 2	0.60	6.76	25	24	20
Unit 3	0.00	32.00	0	0	0
Unit 4	2.30	41.89	155	0	150
Unit 5	3.75	46.23	169	140	160
Unit 6	0.00	0.00	0	0	0
	7.16	132.63			350
Chandrapur					
Unit 1	3.70	45.08	160	134	170
Unit 2	3.51	43.90	154	131	155
Unit 3	4.11	51.61	200	160	170
Unit 4	4.39	50.08	201	163	180
Unit 5	9.69	113.36	450	375	425
Unit 6	9.01	105.59	397	327	425
Unit 7	9.82	112.05	429	376	430
	44.23	521.67			1955
Paras					
Unit 2	0.47	10.50	41	0	40
Unit 3	4.72	53.74	229	177	210
	5.18	64.24			250
Khaparkheda					
Unit 1	4.38	50.90	193	162	180
Unit 2	3.69	46.57	188	100	160
Unit 3	4.10	51.37	191	146	180
Unit 4	4.47	51.16	193	162	180
	16.63	200.00			700
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	1.40	13.42	70	45	66
Unit 3	0.00	0.00	0	0	0
Unit 4	4.23	52.55	190	162	180
Unit 5	3.94	46.57	177	148	160
	9.56	120.72			406
Uran					
All Units	10.88	137.97	545	417	450
	10.88	137.97			450
Koyna					
Stage 1-2	1.33	17.83	195	35	600
Stage 4	0.23	16.14	133	0	250
Koyna 12&4 Total	1.56	33.97			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.32	13.38	320	0	320
	2.88	47.35			1170
Hydro					
KDPH	0.00	1.21	0	0	0
VTRNA	0.15	3.54	61	0	60
TILLARI	0.70	5.31	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.17	2.39	80	0	80
RNGR+BHTSA	0.12	2.60	9	0	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.23	3.61	120	0	0
	1.37	18.67			210
PENCH (MS)					
Pench (MS)	0.04	1.93	15	0	
	0.04	1.93			
Wind					
MalharPeth	0.95	7.33			
Vankuswadi	2.25	16.30			
ATIT	0.48	3.81			
Kale	0.72	3.77			
Satara	0.92	8.87			
Shirala	0.79	6.28			
K Mahankal	0.61	4.27			
Supa	0.44	2.25			
Vita	3.73	38.61			
Dondaicha	4.93	30.47			
Sakri	0.70	4.81			
Nandurbar	0.50	4.35			
Khadakale	1.11	7.36			
Khaparale	0.85	4.44			
	18.99	142.93			
Dabhol					
RGPP L II	21.88	265.04	932	866	887
RGPP L III	0.00	0.00	0	0	
	21.88	265.04			887
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.55	127.30	505	410	500
Trombay 6	9.03	124.25	510	150	500
Trombay 7A	2.73	34.83	125	110	120
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	3.90	42.21	171	140	120
TATA Hydro	0.57	27.76	164	4	375
	27.77	362.53			1615
REL					
1&2	12.68	136.85	530	527	500
	12.68	136.85			500
Cent Sect					
Share					2394
					2394

MS PG CL	Thermal	104.68	1266.19		4551
	Thml+Gas	115.56	1404.16		5001
	Hydro	4.24	66.02		1380
	Total	119.80	1470.19		6381
State Total		201.16	2379.47		11777

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	4427	59	417	4903	932	565	2447	2099	1	27	8526	152	8678	1687	10365	49.79
2	4410	45	418	4873	909	634	2438	1989	9	34	8439	0	8439	1543	9982	49.87
3	4342	45	420	4807	880	693	2441	1938	9	34	8352	0	8352	1454	9806	49.97
4	4380	45	420	4845	880	685	2443	1745	9	26	8181	0	8181	1442	9623	49.99
5	4403	45	419	4867	879	717	2443	1717	9	33	8213	0	8213	1379	9592	49.82
6	4449	45	428	4922	896	768	2446	2069	1	24	8679	210	8889	1399	10288	49.48
7	4539	45	439	5023	932	691	2446	2075	1	30	8751	419	9170	1456	10626	49.88
8	4582	35	440	5057	929	739	2446	2220	1	34	8979	0	8979	1479	10458	49.87
9	4538	94	444	5076	928	802	2493	2326	1	12	9144	0	9144	1575	10719	49.80
10	4504	102	450	5056	928	697	2540	2470	-116	-35	9116	0	9116	1718	10834	49.89
11	4482	180	450	5112	928	721	2478	2365	-116	-33	9093	0	9093	1816	10909	50.05
12	4377	112	452	4941	928	908	2478	2286	-116	-34	9029	0	9029	1842	10871	50.07
13	4361	104	450	4915	901	904	2478	2059	-116	-32	8747	0	8747	1831	10578	50.05
14	4247	89	452	4788	910	951	2463	2028	-116	-30	8647	0	8647	1768	10415	49.89
15	4198	92	456	4746	927	993	2463	2024	-116	-29	8661	0	8661	1742	10403	49.96
16	4182	88	452	4722	923	1007	2496	2027	-116	-29	8650	0	8650	1709	10359	49.82
17	4222	100	446	4768	870	1039	2496	2130	-116	-30	8777	0	8777	1704	10481	49.88
18	4194	109	428	4731	866	983	2476	2504	-97	-10	9074	0	9074	1715	10789	50.03
19	4266	188	440	4894	896	923	2460	2429	-66	-24	9128	171	9299	1742	11041	49.92
20	4232	712	492	5436	927	851	2405	2487	-61	-19	9697	1044	10741	1884	12625	49.59
21	4333	792	479	5604	928	692	2405	2540	-61	-21	9753	1202	10955	1957	12912	49.57
22	4420	609	505	5534	927	688	2398	2367	-55	-14	9502	1182	10684	1983	12667	49.33
23	4358	238	540	5136	927	697	2487	2585	-57	-18	9327	875	10202	1911	12113	49.45
24	4232	271	545	5048	928	640	2510	2518	-63	-22	9112	663	9775	1844	11619	49.65
MUs	104.68	4.24	10.88	119.80	21.88	18.99	59.08	53.00	-1.35	-0.13	213.58	5.92	219.50	40.58	260.08	49.82

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/Jul/2009

Position as on 6.30 Hrs of 13/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	20/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Capital overhaul	18/07/2009
Cent_Sect Tarapur 2	80	16/06/2009	22:10		Continued.	Refueling Outage.	30/07/2009
Koyna ST - IV 4	250	10/07/2009	06.09		Continued.	Maintenance work.	18/07/2009
Parli Unit 3	210	10/07/2009	13.43		Continued.	P.A. Fan Tripped.	18/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	
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	25/07/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	27/07/2009
Koradi Unit 4	115	28/06/2009	14.18		Continued.	Coal Bunkering problem.	18/07/2009
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Nasik Unit 1	125	05/07/2009	06.15		Continued.	Boiler Tube Leakage	13/07/2009
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Uran Unit 7	108	07/07/2009	02.37	12/07/2009	17.17	Jacking Oil Pressure Line Leakage.	
Koradi Unit 2	105	08/07/2009	14:14		Continued.	W/dn, Clinker Formation	14/07/2009
Paras Unit 2	55	12/07/2009	08.38	12/07/2009	13.06	Reverse Power Protection	
Parli Unit 4	210	12/07/2009	13.16	12/07/2009	20.40	Furnance Pressure Low.	
Paras Unit 2	55	12/07/2009	15.40	12/07/2009	19.25	Main steam temp.low.	
Koradi Unit 5	200	12/07/2009	23.52		Continued.	Furnance Pressure Low.	

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

Position as on 6.30 Hrs of 13/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
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
DHULE-SAR'SAROVAR-I	11/07/2009	23.14	12/07/2009	10.00	H/T FOR O/V
Kolhapur-Mapusa Ckt I	12/07/2009	01.10	12/07/2009	10.05	H/T FOR O/V
Dhule-Sar'Sarovar II	12/07/2009	23.01		Continued.	Hand Tripped to Control O/V.
Kolhapur-Mapusa-II	12/07/2009	23.05		Continued.	Hand Tripped to Control O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-I	19/06/2009	16:13		Continued.	3 Tower Collopsed.
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collopsed.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari -II	12/07/2009	14.07	12/07/2009	15.29	Distance Protection
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 is on TBC)
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Salshet ckt-II	12/07/2009	08.40	12/07/2009	16.06	Line Maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 315 MVA ICT at Akola	09/07/2009	11:28		Continued.	LV CB H/T.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	01/07/2009	18.17		Continued.	H/T to control Akola ICT.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	40
Unit 2	105	0
Unit 3	105	60
Unit 4	105	0
Unit 5	200	0
Unit 6	210	100
Unit 7	210	100
	1040	300
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	150
	478	355
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	150
Unit 5	210	160
Unit 6	250	0
	940	350
Chandrapur		
Unit 1	210	170
Unit 2	210	150
Unit 3	210	190
Unit 4	210	190
Unit 5	500	400
Unit 6	500	400
Unit 7	500	430
	2340	1930
Paras		
Unit 2	55	35
Unit 3	250	205
	305	240
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	160
	840	640
Nasik		
Unit 1	120	0
Unit 2	120	41
Unit 3	210	0
Unit 4	210	162
Unit 5	210	142
	870	345
Uran		
All Units	852	550
	852	550
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	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	210
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	887
RGPPPL III	740	
	1700	887
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	120
TATA Hydro	444	375
	2024	1615
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2570
	3143	2570

	17616	11662
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