



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Jun/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.803	1441.248	1) Madhya Pradesh	66.608	867.282
2) Hydro	14.421	160.402	2) Gujrat	17.215	160.101
3) Gas	15.244	189.234	3) Goa	-6.328	-75.822
Total MSGENCO	141.468	1790.884	4) TAPS 1&2 (Inj.)	6.659	87.060
B) OTHERS			5) Pench (Excess)	-0.110	-0.855
1) RGPPL Gas	20.402	284.446	# Total Cent. Sector	84.044	1037.766
2) Wind Generation	11.605	200.606	F) Other Exchanges		
3) PENCH (MS)	0.110	0.855	1) With TPCL	-6.462	-102.072
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.973	397.739	1) MSEDCL Bilateral	10.286	103.627
2) TPCL Hydro	3.932	57.542	Include PX	1.405	2.734
TOTAL TPCL	34.905	455.281	2) MUMBAI Bilateral	6.925	102.020
3) REL Thermal	12.595	163.471	Include PX	1.321	34.947
D) STATE			3) MUMBAI Schedule	6.925	103.420
1) Thermal (A1+C1+C3)	155.371	2002.458	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.463	218.799	1) MSEDCL	251.167	3213.340
3) Gas (A3+B1)	35.646	473.680	2) TPCL	35.696	477.105
4) Wind (B2)	11.605	200.606	3) REL	18.261	243.701
TOTAL STATE	221.085	2895.543	TOTAL STATE	305.124	3934.146

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	4634	4807	4468
MSGENCO Hydro	699	303	292
MSGENCO Gas	642	632	639
MSGENCO Total Generation	5975	5742	5399
Central Sector Receipt	3658	4029	3200
RGPPL	921	922	712
WIND	279	728	602
Exchange with TPCL	-422	-176	-81
MSEDCL DEMAND MET	10421	11255	9832
Load Shedding	3141	3040	1267
MSEDCL DEMAND (INCL. LS)	13562	14295	11099
TPCL GENERATION	1565	1713	1227
REL GENERATION	526	526	525
TPCL+REL DEMAND	2513	2415	1833
STATE DEMAND MET	12934	13670	11665
STATE DEMAND (INCL. LS)	16075	16710	12932
Frequency (Hz)	49.74	49.66	49.57
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4265 MW At 12.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			77.28 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 19.04 Hrs	48.79 Hz at 14.12 Hrs	49.6	1.5 % 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 13/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.71	9.00	80	67	70
Unit 2	0.00	8.73	0	0	0
Unit 3	1.14	15.05	62	32	65
Unit 4	1.13	5.99	75	21	70
Unit 5	4.02	47.50	177	151	160
Unit 6	0.00	24.92	0	0	0
Unit 7	3.76	50.18	170	130	170
	11.76	161.37			535
Bhusawal					
Unit 1	1.22	15.78	56	46	50
Unit 2	3.74	49.30	169	140	170
Unit 3	4.19	54.38	180	170	175
	9.15	119.45			395
Parli					
Unit 1	0.58	6.91	26	23	20
Unit 2	0.52	6.91	22	20	20
Unit 3	3.55	41.13	155	142	140
Unit 4	3.85	48.67	165	156	150
Unit 5	4.27	52.58	179	178	160
Unit 6	0.00	0.58	0	0	0
	12.78	156.79			490
Chandrapur					
Unit 1	4.08	52.19	175	163	170
Unit 2	3.90	50.70	170	147	165
Unit 3	4.90	54.58	210	199	210
Unit 4	3.20	43.54	176	92	170
Unit 5	9.25	116.38	434	331	400
Unit 6	9.66	101.76	438	358	400
Unit 7	10.21	129.56	460	388	450
	45.19	548.71			1965
Paras					
Unit 2	0.55	7.11	25	19	25
Unit 3	4.65	55.33	215	172	175
	5.21	62.44			200
Khaparkheda					
Unit 1	4.14	55.38	176	167	170
Unit 2	4.21	51.40	182	168	170
Unit 3	4.19	48.50	178	169	170
Unit 4	4.19	56.11	177	172	170
	16.73	211.39			680
Nasik					
Unit 1	1.93	24.68	91	70	90
Unit 2	0.00	14.18	0	0	0
Unit 3	0.00	30.08	0	0	0
Unit 4	4.68	57.15	204	181	190
Unit 5	4.38	55.01	190	174	170
	10.99	181.10			450
Uran					
All Units	15.24	189.23	652	622	620
	15.24	189.23			620
Koyna					
Stage 1-2	2.43	34.78	415	35	600
Stage 4	7.46	77.70	951	0	250
Koyna 12&4 Total	9.89	112.49			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.96	24.76	212	0	320
	11.85	137.24			1170
Hydro					
KDPH	0.77	3.31	36	31	36
VTRNA	0.42	3.66	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.26	3.69	11	11	11
BHIRA T.R.	0.26	2.84	83	0	80
RNGR+BHTSA	0.29	3.57	13	11	13
BHANDARDRA	0.36	1.52	15	15	15
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.04	0.67	10	0	0
GHATGHAR	0.17	3.91	128	0	0
	2.58	23.16			216
PENCH (MS)					
Pench (MS)	0.11	0.86	10	0	
	0.11	0.86			
Wind					
MalharPeth	0.36	5.64			
Vankuswadi	0.81	13.82			
ATIT	0.13	2.77			
Kale	0.07	1.42			
Satara	0.37	9.08			
Shirala	0.28	4.39			
K Mahankal	0.04	3.44			
Supa	0.14	2.76			
Vita	1.44	25.14			
Dondaicha	5.02	84.89			
Sakri	0.92	15.40			
Nandurbar	0.84	13.18			
Khadakale	0.52	9.66			
Khaparale	0.66	9.00			
	11.60	200.61			
Dabhol					
RGPP L II	20.40	284.45	926	310	880
RGPP L III		0.00			
	20.40	284.45			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	157.36	505	505	500
Trombay 6	11.67	148.19	510	370	500
Trombay 7A	2.91	37.64	124	118	120
Trombay 7B	1.61	20.91	68	66	60
Trombay 8	2.66	33.64	123	35	125
TATA Hydro	3.93	57.54	386	2	447
	34.90	455.28			1752
REL					
1&2	12.60	163.47	527	520	500
	12.60	163.47			500
Cent Sect					
Share					3078
					3078

MS PG CL	Thermal	111.80	1441.25		4715
	Thml+Gas	127.05	1630.48		5335
	Hydro	14.42	160.40		1386
	Total	141.47	1790.88		6721
State Total		221.08	2895.54		12931

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Jun/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	4450	1268	640	6358	926	677	3085	3092	-412	-398	10655	896	11551	2191	13742	49.23
2	4455	861	641	5957	924	697	2886	3166	-224	-210	10534	899	11433	2000	13433	49.48
3	4474	650	640	5764	924	715	2753	3050	-111	-95	10358	873	11231	1900	13131	49.54
4	4468	292	639	5399	712	602	2803	3200	-96	-81	9832	1267	11099	1833	12932	49.57
5	4488	369	639	5496	625	552	2838	3307	-81	-65	9915	1350	11265	1777	13042	49.52
6	4609	575	641	5825	628	519	2868	3385	-81	-67	10290	1588	11878	1800	13678	49.61
7	4698	129	640	5467	674	406	2877	3178	-81	-68	9657	2625	12282	1782	14064	49.60
8	4740	176	646	5562	904	346	2980	3064	-81	-68	9808	2918	12726	1823	14549	49.81
9	4797	176	652	5625	923	372	3078	3244	-81	-66	10108	2986	13094	1978	15072	49.81
10	4734	299	646	5679	921	334	3493	3686	-434	-421	10209	3185	13394	2286	15680	49.71
11	4634	699	642	5975	921	279	3492	3658	-434	-422	10421	3141	13562	2513	16075	49.74
12	4613	1095	638	6346	921	293	3490	3499	-434	-424	10645	3192	13837	2619	16456	49.63
13	4650	884	628	6162	917	173	3488	3586	-434	-423	10425	3142	13567	2610	16177	49.41
14	4679	913	625	6217	910	248	3490	3522	-503	-487	10410	3236	13646	2555	16201	49.32
15	4631	816	624	6071	907	271	3442	3541	-526	-512	10278	3290	13568	2591	16159	49.24
16	4656	596	629	5881	915	317	3536	3773	-526	-512	10374	3337	13711	2622	16333	49.59
17	4627	411	630	5668	907	389	3549	3871	-507	-494	10351	3342	13693	2609	16302	49.69
18	4704	300	630	5634	918	474	3097	3900	-364	-343	10593	2988	13581	2431	16012	49.80
19	4765	184	633	5582	920	636	2968	3707	-244	-213	10642	2993	13635	2347	15982	50.03
20	4785	209	632	5626	924	588	3068	3913	-212	-181	10880	3197	14077	2398	16475	49.93
21	4807	303	632	5742	922	728	3080	4029	-212	-176	11255	3040	14295	2415	16710	49.66
22	4797	367	622	5786	924	649	3081	3919	-211	-180	11108	2748	13856	2312	16168	49.57
23	4792	1291	623	6706	310	643	3168	3437	-259	-220	10876	1802	12678	2282	14960	49.43
24	4750	1558	632	6940	925	694	3262	3317	-377	-336	11540	1228	12768	2288	15056	49.38
MUs	111.80	14.42	15.24	141.47	20.40	11.60	75.87	84.04	-6.93	-6.46	251.16	59.26	310.43	53.96	364.39	49.60

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 13/Jun/2009

Position as on 6.30 Hrs of 14/Jun/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
Cent_Sect NTPC(V-10)	500	25/05/2009	08.50		Continued.	Capital overhaul	26/06/2009
Cent_Sect NTPC(K-3)	210	01/06/2009	00.00		Continued.	Annual Overhaul	06/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Capital overhaul	18/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
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	25/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Bearing Vibration.	30/06/2009
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	15/06/2009
Koradi Unit 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	26/06/2009
Uran Unit 3	60	09/06/2009	20:25		Continued.	Gas Restriction	
Nasik Unit 2	125	10/06/2009	18:45		Continued.	Coal Mill Problem	16/06/2009
Koradi Unit 6	210	11/06/2009	06.44	14/06/2009	21.23	Boiler Tube Leakage	
Dabhol 3B	230	13/06/2009	03.11	13/06/2009	06.01	Gen Diff. Lockout.	
Dabhol 3X	290	13/06/2009	03.14	13/06/2009	06.01	Gen Diff. Lockout.	
Uran Unit 6	108	14/06/2009	01.05	14/06/2009	03.48	Tripped	
Uran Unit 5	108	14/06/2009	01.05	14/06/2009	03.21	Tripped	
Uran Unit 7	108	14/06/2009	01.05	14/06/2009	04.20	Tripped	
Uran Unit 8	108	14/06/2009	01.05	14/06/2009	09.27	Tripped	
Uran Unit A0	120	14/06/2009	01.05	14/06/2009	09.37	Tripped	
Uran Unit B0	120	14/06/2009	01.05	14/06/2009	07.40	Tripped	
Dabhol 1A	230	14/06/2009	09.45	14/06/2009	11.07	CW pump Tripped	
Dabhol 1X	290	14/06/2009	09.45	14/06/2009	12.08	CW pump Tripped	
Nasik Unit 1	125	14/06/2009	15.20		Continued.	Boiler Tube Leakage	17/06/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2009

Position as on 6.30 Hrs of 14/Jun/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		
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
Wardha - Akola - II	12/06/2009	22.51		Continued.	Hand Tripped to Control O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01	13/06/2009	14.27	Tripped on over voltage
Seoni - Wardha	12/06/2009	21.52	13/06/2009	13.56	Tripped on Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
KALMESHVAR-PANDURNA	14/06/2009	15.49	14/06/2009	16.52	Tripped on Distance protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV ICT-II at New Koyna	13/06/2009	08.13	13/06/2009	20.00	Painting and hot spot work.
KALWA-LONIKAND	13/06/2009	09.31	13/06/2009	15.30	B Ph.C.T.replacement.
Jejuri-Koyna STG-IV	14/06/2009	06.40	14/06/2009	12.33	Topup oil level
Bablsr-Padgha Ckt I	14/06/2009	08.19	14/06/2009	18.30	Bay Maintenance work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Main Bus @ Temghar	12/06/2009	19.10	13/06/2009	01:49	Jumpering work and Maint
K'gaon-Lonand	13/06/2009	06.15	13/06/2009	16.52	Insulator Replacement
220/132kv,200 MVA ICT-II at Nagar.	13/06/2009	09.30	13/06/2009	13.00	Q.M. WORK
C'pur-Sicom-I	13/06/2009	09.55	13/06/2009	12.06	Line signature Test.
Padgha-Boiser	13/06/2009	11.15	13/06/2009	19.03	Line Tap to Nalasopara.
Uran -Apta-III	13/06/2009	11.22		Continued.	Relocating and dismenteling work,
Apta-Uran-IV	13/06/2009	11.22		Continued.	Relocating and dismenteling work,
C'pur-Sicom-II	13/06/2009	12.17	13/06/2009	14.16	Line signature Test.
K'gaon-Lonand	14/06/2009	06.35	14/06/2009	18.55	Insulator Replacement
Voltage Level : 100KV			Outage Type FORCED OUTAGE		
Kalwa-Kalyan	13/06/2009	14.19	13/06/2009	17.01	Maint.work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV 315MVA ICT-I at Kharghar	14/06/2009	11.15		Continued.	To control line loading of Uran-Apta-II
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Dhamangaon-wardha	13/06/2009	14.45		Continued.	H/T to increase load on Akola ICT.
N.Koyna-Lote(p)	14/06/2009	10.35		Continued.	To control line loading of Uran-Apta-II
Voltage Level : 220KV			Outage Type TRIPPED		
Uran-Kharghar-I	14/06/2009	01.05	14/06/2009	02.29	'R' Phase C.T. Burst., Uran-Apta-I.
Uran-ONGC	14/06/2009	01.05	14/06/2009	02.40	'R' Phase C.T. Burst., Uran-Apta-I.
Apta-HOC	14/06/2009	01.05	14/06/2009	03.10	'R' Phase C.T. Burst., Uran-Apta-I.
Uran - JNPT	14/06/2009	01.05	14/06/2009	04.45	'R' Phase C.T. Burst., Uran-Apta-I.
Uran-BC	14/06/2009	01.05	14/06/2009	04.40	'R' Phase C.T. Burst., Uran-Apta-I.
ONGC-JNPT	14/06/2009	01.05	14/06/2009	02.40	'R' Phase C.T. Burst., Uran-Apta-I.
Uran-Kharghar-II	14/06/2009	01.05	14/06/2009	03.50	'R' Phase C.T. Burst., Uran-Apta-I.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2009

Position as on 6.30 Hrs of 14/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
URAN_HOCL	14/06/2009	01.05	14/06/2009	17.44	'R' Phase C.T. Burst.
Apta-Uran-II	14/06/2009	01.05	14/06/2009	03.29	'R' Phase C.T. Burst., Uran-Apta-I.
Tifil-Trombay	14/06/2009	08.00	14/06/2009	15.52	Tripped on Distance protection
Pedambe-Kharepatan	14/06/2009	11.55	14/06/2009	14.33	Tripped on Distance protection
Vita - Lamboti	14/06/2009	16.20	14/06/2009	16.40	Tripped on Distance protection
Voltage Level : 132KV			Outage Type TRIPPED		
Ambazari-Khaperkheda ckt.I	11/06/2009	17.45		Continued.	Tripped on Back up Prot.
Ambazari-Khaperkheda ckt.II	11/06/2009	17.45		Continued.	Tripped on Dist.Prot.
Girvli-Gangakhed	12/06/2009	18.02	13/06/2009	17.56	Tripped ,Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	0
Unit 3	105	60
Unit 4	105	60
Unit 5	200	170
Unit 6	210	0
Unit 7	210	170
	1040	530
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	175
	478	385
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	165
Unit 6	250	0
	940	495
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	210
Unit 4	210	160
Unit 5	500	425
Unit 6	500	400
Unit 7	500	450
	2340	1975
Paras		
Unit 2	55	22
Unit 3	250	210
	305	232
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	0
Unit 4	210	200
Unit 5	210	190
	870	480
Uran		
All Units	852	420
	852	420
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	61
TILLARI	60	0
BHTGR/VEER	21	13
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	15
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	226
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	880
RGPPPL III	740	
	1700	880
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	250
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	120
TATA Hydro	444	447
	2024	1497
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3168
	3143	3168