



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Jun/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.203	2686.620	1) Madhya Pradesh	48.533	1498.559
2) Hydro	19.106	298.870	2) Gujrat	32.861	386.880
3) Gas	11.611	338.982	3) Goa	-6.094	-142.424
Total MSGENCO	136.920	3324.472	4) TAPS 1&2 (Inj.)	3.650	135.782
B) OTHERS			5) Pench (Excess)	-0.062	-2.873
1) RGPPL Gas	22.389	527.362	# Total Cent. Sector	78.888	1875.924
2) Wind Generation	7.052	309.897	F) Other Exchanges		
3) PENCH (MS)	0.062	2.873	1) With TPCL	-15.807	-206.829
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	17.181	702.050	1) MSEDCL Bilateral	8.432	222.281
2) TPCL Hydro	6.016	100.326	Include PX	0.000	4.633
TOTAL TPCL	23.197	802.376	2) MUMBAI Bilateral	11.978	200.136
3) REL Thermal	12.621	301.979	Include PX	3.530	62.514
D) STATE			3) MUMBAI Schedule	16.493	214.776
1) Thermal (A1+C1+C3)	136.005	3690.649	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.184	402.069	1) MSEDCL	229.504	5836.572
3) Gas (A3+B1)	34.000	866.344	2) TPCL	34.170	865.837
4) Wind (B2)	7.052	309.897	3) REL	17.454	445.299
TOTAL STATE	202.241	5268.959	TOTAL STATE	281.128	7147.708

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4548	4346	4146
MSGENCO Hydro	965	1971	766
MSGENCO Gas	431	503	427
MSGENCO Total Generation	5944	6820	5339
Central Sector Receipt	3546	3285	3009
RGPPL	931	935	935
WIND	367	375	113
Exchange with TPCL	-902	-708	-247
MSEDCL DEMAND MET	9886	10707	9149
Load Shedding	2353	2624	706
MSEDCL DEMAND (INCL. LS)	12239	13331	9855
TPCL GENERATION	1155	1145	776
REL GENERATION	516	523	530
TPCL+REL DEMAND	2573	2376	1553
STATE DEMAND MET	12459	13083	10702
STATE DEMAND (INCL. LS)	14812	15707	11408
Frequency (Hz)	49.20	49.30	49.24
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3815 MW at 21:00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			59.35 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.92 Hz at 10.10 Hrs	48.78 Hz at 14.13 Hrs	49.23	15.54 % 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/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	2.05	28.40	87	80	80
Unit 2	0.00	8.73	0	0	0
Unit 3	1.01	20.46	77	0	0
Unit 4	0.85	20.27	83	0	80
Unit 5	3.71	90.37	165	147	160
Unit 6	3.83	60.94	168	147	160
Unit 7	3.70	94.05	166	141	160
	15.15	323.23			640
Bhusawal					
Unit 1	1.26	28.07	57	44	50
Unit 2	1.16	85.62	168	0	0
Unit 3	4.32	100.18	182	173	175
	6.75	213.87			225
Parli					
Unit 1	0.48	12.69	21	18	20
Unit 2	0.58	12.76	25	22	20
Unit 3	3.34	79.05	145	124	110
Unit 4	3.70	90.22	159	146	150
Unit 5	3.26	96.47	149	109	110
Unit 6	0.00	0.58	0	0	0
	11.37	291.76			410
Chandrapur					
Unit 1	4.09	97.40	178	168	170
Unit 2	3.91	93.44	164	162	165
Unit 3	4.75	105.39	208	172	210
Unit 4	2.53	75.00	190	63	70
Unit 5	8.35	223.00	429	281	400
Unit 6	8.70	207.28	440	285	425
Unit 7	8.94	239.96	415	320	400
	41.27	1041.46			1840
Paras					
Unit 2	0.95	14.44	42	35	35
Unit 3	3.57	105.41	180	0	165
	4.52	119.84			200
Khaparkheda					
Unit 1	3.91	100.01	171	157	160
Unit 2	3.89	94.27	167	142	160
Unit 3	4.04	94.52	178	156	160
Unit 4	3.94	100.92	171	157	160
	15.78	389.72			640
Nasik					
Unit 1	1.85	41.15	91	58	80
Unit 2	0.78	24.00	48	22	50
Unit 3	0.00	30.08	0	0	0
Unit 4	4.50	107.81	195	177	190
Unit 5	4.24	103.70	191	161	185
	11.37	306.73			505
Uran					
All Units	11.61	338.98	557	423	425
	11.61	338.98			425
Koyna					
Stage 1-2	3.12	63.23	400	40	600
Stage 4	11.37	145.16	1122	0	250
Kovna 12&4 Total	14.48	208.39			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.03	45.56	320	0	320
	17.51	253.95			1170
Hydro					
KDPH	0.37	6.82	16	15	18
VTRNA	0.43	8.80	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.10	6.07	5	4	8
BHIRA T.R.	0.35	5.15	43	0	80
RNGR+BHTSA	0.22	6.18	10	9	10
BHANDARDRA	0.00	4.42	0	0	12
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.96	0	0	0
GHATGHAR	0.11	6.53	60	0	0
	1.60	44.92			188
PENCH (MS)					
Pench (MS)	0.06	2.87	24	0	
	0.06	2.87			
Wind					
MalharPeth	0.29	9.13			
Vankuswadi	0.73	22.11			
ATIT	0.18	4.65			
Kale	0.07	2.32			
Satara	0.39	14.52			
Shirala	0.27	7.18			
K Mahankal	0.58	5.76			
Supa	0.20	4.66			
Vita	2.06	41.56			
Dondaicha	1.01	127.63			
Sakri	0.19	22.95			
Nandurbar	0.19	19.85			
Khadakale	0.68	14.64			
Khaparale	0.21	12.94			
	7.05	309.90			
Dabhol					
RGPP L II	22.39	527.36	938	911	880
RGPP L III	0.00	0.00	0	0	
	22.39	527.36			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	260.88	0	0	0
Trombay 6	12.18	269.62	510	490	500
Trombay 7A	2.95	69.26	126	121	120
Trombay 7B	1.63	38.44	69	67	60
Trombay 8	0.42	63.84	73	0	0
TATA Hydro	6.02	100.33	456	4	447
	23.20	802.38			1127
REL					
1&2	12.62	301.98	530	516	500
	12.62	301.98			500
Cent Sect					
Share					3098
					3098

MS PG CL	Thermal	106.20	2686.62		4460
	Thml+Gas	117.81	3025.60		4885
	Hydro	19.11	298.87		1358
	Total	136.92	3324.47		6243
State Total		202.24	5268.96		11848

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	4231	887	433	5551	936	151	3097	3416	-577	-576	9478	677	10155	1883	12038	49.12
2	4150	916	427	5493	936	139	2903	2927	-413	-367	9128	677	9805	1673	11478	49.22
3	4146	766	427	5339	935	113	2875	3009	-289	-247	9149	706	9855	1553	11408	49.24
4	4135	661	425	5221	937	167	2869	3001	-280	-235	9091	836	9927	1516	11443	49.28
5	4225	623	425	5273	935	165	2850	2892	-261	-220	9045	942	9987	1485	11472	49.28
6	4439	654	455	5548	935	225	2858	2885	-261	-262	9331	1049	10380	1528	11908	49.14
7	4497	512	557	5566	936	192	2790	2845	-392	-341	9198	1936	11134	1578	12712	49.49
8	4568	140	556	5264	932	185	2916	2914	-461	-461	8834	2099	10933	1756	12689	49.33
9	4545	135	423	5103	911	294	3037	3005	-575	-559	8754	2763	11517	1986	13503	49.30
10	4539	289	428	5256	930	295	3293	3282	-794	-785	8978	2606	11584	2329	13913	49.20
11	4548	965	431	5944	931	367	3432	3546	-910	-902	9886	2353	12239	2573	14812	49.20
12	4568	875	476	5919	933	423	3518	3299	-1012	-1007	9591	2350	11941	2682	14623	49.02
13	4587	460	487	5534	927	423	3522	3468	-1012	-972	9390	2492	11882	2652	14534	49.06
14	4524	512	529	5565	934	339	3522	3669	-932	-889	9628	2385	12013	2571	14584	49.14
15	4444	562	496	5502	930	371	3523	3588	-1012	-971	9430	2562	11992	2598	14590	48.93
16	4425	665	514	5604	932	317	3531	3442	-962	-976	9327	2698	12025	2620	14645	49.12
17	4405	330	526	5261	934	360	3532	3670	-907	-886	9339	3102	12441	2567	15008	49.42
18	4406	109	497	5012	933	335	3407	3792	-844	-808	9264	3158	12422	2488	14910	49.51
19	4509	701	509	5719	932	397	3137	3672	-782	-744	9976	2485	12461	2406	14867	49.44
20	4554	1361	515	6430	934	267	3185	3499	-753	-710	10420	2890	13310	2390	15700	49.46
21	4346	1971	503	6820	935	375	3194	3285	-753	-708	10707	2624	13331	2376	15707	49.30
22	4296	1995	557	6848	936	298	3198	3125	-750	-706	10501	2431	12932	2252	15184	49.15
23	4507	1737	521	6765	938	355	3315	3353	-801	-756	10655	1732	12387	2144	14531	49.13
24	4521	1280	494	6295	937	345	3360	3304	-758	-719	10162	1245	11407	2019	13426	49.02
MUs	106.12	19.11	11.61	136.83	22.39	6.90	76.86	78.89	-16.49	-15.81	229.26	48.80	278.06	51.62	329.68	49.23

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/Jun/2009

Position as on 6.30 Hrs of 25/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	24/06/2009	05.48	Capital overhaul	
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
Cent_Sect Tarapur 2	80	16/06/2009	22:10		Continued.	Refueling Outage.	30/07/2009
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	25/07/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
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	30/06/2009
Koradi Unit 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	26/06/2009
Koradi Unit 3	105	17/06/2009	20:36	24/06/2009	07:45	Boiler Tube Leakage	
Uran Unit 3	60	20/06/2009	11.15		Continued.	Gas Restriction	
Tata Trombay 5	500	22/06/2009	17.50		Continued.	Boiler Tube Leakage	24/06/2009
Bhusawal Unit 2	210	22/06/2009	22.35	24/06/2009	14:09	Economiser T/L.	
Tata Trombay 8	250	24/06/2009	05:45	24/06/2009	20:35	Tripped	
Uran Unit A0	120	24/06/2009	05:54	24/06/2009	20:23	Tripped	
Uran Unit 5	108	24/06/2009	07:54	24/06/2009	10:25	Tripped	
Uran Unit 6	108	24/06/2009	08:13	24/06/2009	08:23	Tripped	
Koradi Unit 4	115	24/06/2009	11:04		Continued.	Boiler Tube Leakage	28/06/2009
Paras Unit 3	250	24/06/2009	20:15	24/06/2009	22:20	Loss of Fuel	
Tata Trombay 8	250	24/06/2009	21:50		Continued.	Low Vaccum	25/06/2009
Nasik Unit 2	125	25/06/2009	04:10		Continued.	Fire in Wind Box.	

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

Position as on 6.30 Hrs of 25/Jun/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		
Taps-Boiser	23/06/2009	13.44		Continued.	Zone Outage.
220 KV Taps Zone -I.	23/06/2009	13:44		Continued.	Gantry Replacement Work.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - II	12/06/2009	22:51		Continued.	H/T FOR O/V
Dhule-Khandwa-I	19/06/2009	16:13		Continued.	3 Tower Colloped.
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Colloped.
Seoni - Wardha	24/06/2009	19:20	24/06/2009	20:57	TRIPPED ON O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
C;pur-Parli CKT .I	12/06/2009	10:56		Continued.	Line on TBC.
400/220 Kv Spare ICT at BBLR	18/06/2009	11.02		Continued.	Fitting of Baloon.
Main Bus-II at Kolhapur	24/06/2009	12:38		Continued.	Isolator Alignment.
400/220 KV 315 ICT-I DHULE	24/06/2009	21:23	24/06/2009	23:10	TAP CHANGER WORK
400/220 KV 315 MVA ICT -II DHULE	24/06/2009	23:15	25/06/2009	00:18	TAP CHANGER WORK
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Khaperkheda-Purti	24/06/2009	09:26	24/06/2009	13:00	Q.M. WORK
220/132 KV, 100 MVA - ICT @ Bale.	24/06/2009	10:00	24/06/2009	14:15	Q.M. WORK
220/132KV,150 MVA ICT at Ambazari.	24/06/2009	10:03	24/06/2009	14:32	Q.M. WORK
220/132 KV, 100 MVA ICT - II @ Beed.	24/06/2009	10:15	24/06/2009	12:30	CTR Fire system commissioning
220/132 KV,100 MVA ICT @ Virur.	24/06/2009	11:10	24/06/2009	15:10	Maintenance of 132 KV Bus.
LONIKAND-KATHAPUR	25/06/2009	06:04		Continued.	Testing of Distance Prot. Relay.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhusawal - Muktainagar	18/06/2009	11.41		Continued.	Breaker Replacement
Bhandara-Madgi CKT.II	18/06/2009	13.40		Continued.	Breaker Replacement
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	19/06/2009	11.44		Continued.	H/T to control voltage at Akola.
Wardha-Badnera	24/06/2009	01:08	24/06/2009	16:35	H/T to increase load on Akola ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT at Akola	23/06/2009	17:20	24/06/2009	00:35	Tripped On NDR
Voltage Level : 220KV			Outage Type TRIPPED		
Pophali-K'gaon	23/06/2009	17:55	24/06/2009	14:35	Distance Protection
Koradi-Ambazari ckt - II	24/06/2009	16:16	24/06/2009	16:33	Tripped on LBB.
220/132KV,150 MVA ICT at Ambazari.	24/06/2009	16:16	24/06/2009	16:34	Tripped on LBB.
220 KV Bus Coupler @ Ambazari.	24/06/2009	16:16	24/06/2009	16:32	Tripped on LBB.
Ambazari-Amravati	24/06/2009	16:16	24/06/2009	16:33	Tripped on LBB.

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

Position as on 6.30 Hrs of 25/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khaperkheda - Ambazari - II	24/06/2009	16:16	24/06/2009	16:53	Tripped on Dist.Prot.
Kalmeshwar-Ambazari	24/06/2009	16:16	24/06/2009	16:33	Tripped on LBB.
Khaparkheda-Kawlewada-I	24/06/2009	19:16	24/06/2009	19:48	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Paras-Akot	23/06/2009	16:45		Continued.	1 Tower Collopped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	0
Unit 3	105	70
Unit 4	105	0
Unit 5	200	150
Unit 6	210	150
Unit 7	210	140
	1040	590
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	120
Unit 4	210	150
Unit 5	210	150
Unit 6	250	0
	940	460
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	210
Unit 4	210	70
Unit 5	500	400
Unit 6	500	400
Unit 7	500	400
	2340	1815
Paras		
Unit 2	55	35
Unit 3	250	165
	305	200
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	160
	840	640
Nasik		
Unit 1	120	70
Unit 2	120	0
Unit 3	210	0
Unit 4	210	195
Unit 5	210	185
	870	450
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	18
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	12
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	188
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	0
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1127
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3168
	3143	3168