



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Jun/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.578	775.267	1) Madhya Pradesh	63.766	474.648
2) Hydro	3.653	70.226	2) Gujrat	8.143	95.908
3) Gas	15.158	103.009	3) Goa	-4.291	-39.802
Total MSGENCO	133.389	948.502	4) TAPS 1&2 (Inj.)	6.706	47.104
B) OTHERS			5) Pench (Excess)	-0.128	-0.233
1) RGPPL Gas	22.336	153.938	# Total Cent. Sector	74.196	577.625
2) Wind Generation	17.092	103.520	F) Other Exchanges		
3) PENCH (MS)	0.128	0.233	1) With TPCL	-4.504	-54.027
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.434	209.988	1) MSEDCL Bilateral	7.859	56.128
2) TPCL Hydro	0.095	30.973	Include PX	0.100	0.210
TOTAL TPCL	29.529	240.961	2) MUMBAI Bilateral	4.995	52.652
3) REL Thermal	12.593	88.055	Include PX	1.908	16.188
D) STATE			3) MUMBAI Schedule	4.995	53.777
1) Thermal (A1+C1+C3)	156.605	1073.310	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	3.876	101.432	1) MSEDCL	242.637	1730.024
3) Gas (A3+B1)	37.494	256.947	2) TPCL	30.245	253.798
4) Wind (B2)	17.092	103.520	3) REL	16.379	129.241
TOTAL STATE	215.067	1535.209	TOTAL STATE	289.261	2113.063

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	4855	4892	4870
MSGENCO Hydro	125	529	63
MSGENCO Gas	642	641	646
MSGENCO Total Generation	5622	6062	5579
Central Sector Receipt	3293	3300	2612
RGPPL	932	936	928
WIND	823	482	745
Exchange with TPCL	-167	-310	-75
MSEDCL DEMAND MET	10503	10494	9789
Load Shedding	0	2111	0
MSEDCL DEMAND (INCL. LS)	10503	12605	9789
TPCL GENERATION	1162	1345	1202
REL GENERATION	524	523	525
TPCL+REL DEMAND	1853	2178	1802
STATE DEMAND MET	12356	12672	11591
STATE DEMAND (INCL. LS)	12356	14783	11591
Frequency (Hz)	50.00	49.70	49.93
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2023 MW at 22.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			17.60 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.56 Hz at 17.02 Hrs	49.29 Hz at 01.02 Hrs	49.88	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 07/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.43	8.73	66	0	50
Unit 3	1.05	7.69	59	26	40
Unit 4	0.62	3.81	52	0	40
Unit 5	3.52	25.11	165	121	170
Unit 6	3.14	12.52	163	0	150
Unit 7	4.28	27.16	203	146	180
	13.05	85.02			630
Bhusawal					
Unit 1	1.15	8.42	53	36	50
Unit 2	3.84	25.48	175	142	170
Unit 3	4.09	29.59	177	162	175
	9.08	63.50			395
Parli					
Unit 1	0.57	3.46	25	22	20
Unit 2	0.54	3.78	24	21	20
Unit 3	3.52	19.83	155	140	140
Unit 4	3.71	25.82	162	149	150
Unit 5	3.81	27.57	175	143	160
Unit 6	0.00	0.58	0	0	0
	12.15	81.05			490
Chandrapur					
Unit 1	3.91	28.14	172	151	160
Unit 2	3.97	27.62	168	162	165
Unit 3	4.05	28.74	194	150	210
Unit 4	3.74	23.46	172	122	170
Unit 5	8.80	61.61	400	346	380
Unit 6	9.15	45.15	430	360	425
Unit 7	9.71	70.24	437	375	450
	43.34	284.97			1960
Paras					
Unit 2	0.46	3.37	24	17	22
Unit 3	4.43	30.88	197	173	180
	4.89	34.25			202
Khaparkheda					
Unit 1	4.26	30.45	196	169	170
Unit 2	4.20	26.12	195	168	170
Unit 3	3.56	23.39	177	0	170
Unit 4	4.14	30.90	176	170	170
	16.16	110.87			680
Nasik					
Unit 1	1.76	14.18	88	41	90
Unit 2	1.50	10.45	78	52	70
Unit 3	3.95	30.08	194	0	180
Unit 4	4.59	31.02	200	176	180
Unit 5	4.10	29.89	182	161	180
	15.91	115.62			700
Uran					
All Units	15.16	103.01	650	546	630
	15.16	103.01			630
Koyna					
Stage 1-2	1.60	16.59	305	30	600
Stage 4	0.38	32.80	250	0	250
Kovna 12&4 Total	1.98	49.39			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.64	11.08	238	0	320
	2.62	60.47			1170
Hydro					
KDPH	0.00	0.55	0	0	0
VTRNA	0.19	1.43	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.21	2.09	9	8	15
BHIRA T.R.	0.16	1.59	78	0	80
RNGR+BHTSA	0.26	1.92	12	10	13
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.40	10	0	0
GHATGHAR	0.15	1.77	120	0	0
	1.03	9.76			169
PENCH (MS)					
Pench (MS)	0.13	0.23	24	0	
	0.13	0.23			
Wind					
MalharPeth	0.47	2.87			
Vankuswadi	1.30	6.93			
ATIT	0.20	1.50			
Kale	0.09	0.63			
Satara	1.19	4.77			
Shirala	0.39	2.22			
K Mahankal	0.08	1.87			
Supa	0.13	1.28			
Vita	1.93	13.23			
Dondaicha	7.73	42.82			
Sakri	1.32	8.29			
Nandurbar	0.99	7.29			
Khadakale	0.58	4.98			
Khaparale	0.70	4.85			
	17.09	103.52			
Dabhol					
RGPP L II	22.34	153.94	936	922	890
RGPP L III	0.00	0.00	0	0	
	22.34	153.94			890
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.02	84.69	505	490	500
Trombay 6	10.10	79.36	510	280	500
Trombay 7A	2.93	20.22	125	119	110
Trombay 7B	1.61	11.27	68	66	70
Trombay 8	2.77	14.46	141	0	250
TATA Hydro	0.10	30.97	41	0	447
	29.53	240.96			1877
REL					
1&2	12.59	88.06	527	522	500
	12.59	88.06			500
Cent Sect					
Share					3193
					3193

MS PG CL	Thermal	114.58	775.27		5057
	Thml+Gas	129.74	878.28		5687
	Hydro	3.65	70.23		1339
	Total	133.39	948.50		7026
State Total		215.07	1535.21		13486

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	4545	573	639	5757	930	455	3115	3121	-477	-469	9794	728	10522	2202	12724	49.60
2	4567	185	642	5394	931	513	2888	3126	-313	-298	9666	728	10394	2031	12425	49.72
3	4626	68	648	5342	929	676	2755	2858	-195	-188	9617	744	10361	1956	12317	49.97
4	4785	68	648	5501	929	711	2685	2579	-116	-92	9628	359	9987	1816	11803	50.01
5	4870	63	646	5579	928	745	2685	2612	-88	-75	9789	0	9789	1802	11591	49.93
6	4933	59	646	5638	929	806	2686	2693	-73	-60	10006	0	10006	1790	11796	49.85
7	4955	59	650	5664	925	802	2679	2601	-73	-60	9932	0	9932	1800	11732	50.00
8	4878	64	649	5591	925	812	2781	2675	-73	-60	9943	0	9943	1702	11645	49.94
9	4841	71	648	5560	927	871	2787	3034	-73	-64	10328	0	10328	1707	12035	49.99
10	4797	69	642	5508	928	747	2966	3155	-177	-159	10179	0	10179	1763	11942	49.96
11	4855	125	642	5622	932	823	3019	3293	-182	-167	10503	0	10503	1853	12356	50.00
12	4810	106	640	5556	931	807	2996	3149	-182	-169	10274	438	10712	1905	12617	49.79
13	4809	68	637	5514	922	887	2988	3162	-182	-157	10328	873	11201	1901	13102	49.77
14	4780	64	630	5474	931	793	3011	3191	-182	-151	10238	871	11109	1903	13012	49.88
15	4821	64	632	5517	930	686	3018	3340	-182	-153	10320	871	11191	1928	13119	49.94
16	4805	59	628	5492	931	609	3018	3289	-182	-149	10172	735	10907	1975	12882	49.99
17	4765	49	630	5444	931	762	3018	3200	-182	-157	10180	765	10945	1978	12923	50.12
18	4665	63	635	5363	935	821	2900	3250	-130	-104	10265	773	11038	1899	12937	50.24
19	4709	131	635	5475	935	735	2753	3071	-146	-121	10115	1043	11158	1880	13038	50.02
20	4738	208	641	5587	934	654	2904	3419	-228	-200	10418	1763	12181	2009	14190	49.77
21	4892	529	641	6062	936	482	3050	3300	-341	-310	10494	2111	12605	2178	14783	49.70
22	4798	309	597	5704	936	556	3076	3326	-364	-331	10215	1978	12193	2191	14384	49.65
23	4695	363	565	5623	935	648	3133	3390	-379	-355	10265	1404	11669	2193	13862	49.62
24	4648	236	546	5430	936	692	3199	3365	-477	-455	9980	1011	10991	2264	13255	49.62
MUs	114.59	3.65	15.16	133.40	22.34	17.09	70.11	74.20	-4.99	-4.50	242.65	17.20	259.84	46.63	306.47	49.88

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 07/Jun/2009

Position as on 6.30 Hrs of 08/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.	Boiler Tube Leakage	07/07/2009
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	
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 6	210	03/06/2009	23.06	07/06/2009	01.20	Economizer Tube leakage	
Tata Trombay 8	250	04/06/2009	22.55	07/06/2009	02.05	Drum Level Low	
Khaparkheda Unit 3	210	05/06/2009	15.41	07/06/2009	02.06	Economizer Tube leakage	
Koradi Unit 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	13/06/2009
Koradi Unit 4	115	07/06/2009	17.07	08/06/2009	02.03	Boiler Trip.	
Cent_Sect TARAPUR-3	540	07/06/2009	18:35		Continued.	Testing Work.	15/06/2009
Koradi Unit 4	115	08/06/2009	09.54		Continued.	Boiler Tube Leakage	10/06/2009
Tata Trombay 8	250	08/06/2009	09.55	08/06/2009	13.01	Boiler Feed Pump Problem	
Uran Unit 5	108	08/06/2009	10.55		Continued.	A1 Boiler expansion joint replacement work	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2009

Position as on 6.30 Hrs of 08/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		
Momewadi -Halkarni	08/06/2009	10.30	08/06/2009	15.08	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
Koradi-Bhilai	08/06/2009	11.33	08/06/2009	11.49	Distance protection, Tripped at Koradi end only
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad-Lonikhand	08/06/2009	12.54	08/06/2009	15.18	Hot Spot
Main Bus -I at Kolhapur	08/06/2009	13.00		Continued.	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
Apta-Uran-II	05/06/2009	09.31		Continued.	Tower shifting work
URAN_HOCL	05/06/2009	09:48		Continued.	Tower shifting work
Chandrapur - Warora - II.	05/06/2009	13:28	08/06/2009	05.58	Relay Retrofitting Work.
Pedambe - Pophali	07/06/2009	08.20	07/06/2009	14.55	Premansoon Maintenance Work.
220/33 KV 100 MVA - II @ Aarey	07/06/2009	08.22	07/06/2009	16.48	Maintanance work
KALWA-SALSETE-III	07/06/2009	09.01	07/06/2009	15.54	Maintanance work
Pophali-K'gaon	08/06/2009	08.17	08/06/2009	16.25	Bay Maintenance work.
ONGC-TSS	08/06/2009	09.10	08/06/2009	16.45	To attend oil leakage.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malkapur - Bhusawal	07/06/2009	10.01	08/06/2009	16.24	Relay Retrofitting Work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE II - CHDPR	08/06/2009	18.42	08/06/2009	22.10	Thyristor Value Work.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
Warora-Hinganghat	05/06/2009	13:40	08/06/2009	06.01	H/T For Line Loading.
Pusad - Parbhani	07/06/2009	18.01	08/06/2009	06.00	To control C'Pur-Warora-I loading
Voltage Level : 400KV			Outage Type TRIPPED		
KALWA-LONIKAND	04/06/2009	07.23		Continued.	Tripped on Dist.Prot.
PADGHA-KHARGHAR	04/06/2009	07.26	07/06/2009	22.01	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Theur-Phursungi-I	06/06/2009	19.25	07/06/2009	11.28	Tripped on Dist.Prot.
Tifil-Trombay	07/06/2009	11.14	07/06/2009	12.55	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	50
Unit 4	105	25
Unit 5	200	140
Unit 6	210	140
Unit 7	210	140
	1040	495
Bhusawal		
Unit 1	58	40
Unit 2	210	170
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	160
Unit 6	250	0
	940	490
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	165
Unit 4	210	150
Unit 5	500	400
Unit 6	500	400
Unit 7	500	450
	2340	1895
Paras		
Unit 2	55	22
Unit 3	250	165
	305	187
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	70
Unit 3	210	0
Unit 4	210	180
Unit 5	210	180
	870	520
Uran		
All Units	852	600
	852	600
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	0
BHTGR/VEER	21	9
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	171
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	960	880
RGPL III	740	
	1700	880
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2975
	3143	2975

	17616	12825
--	--------------	--------------