



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Jun/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	116.816	1898.584	1) Madhya Pradesh	63.565	1136.710
2) Hydro	21.613	220.405	2) Gujrat	16.283	225.675
3) Gas	15.469	244.153	3) Goa	-6.464	-99.102
Total MSGENCO	153.898	2363.142	4) TAPS 1&2 (Inj.)	3.664	110.349
B) OTHERS			5) Pench (Excess)	-0.294	-1.618
1) RGPPL Gas	21.955	372.032	# Total Cent. Sector	76.754	1372.014
2) Wind Generation	9.359	254.312	F) Other Exchanges		
3) PENCH (MS)	0.294	1.618	1) With TPCL	-9.143	-133.734
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.304	519.579	1) MSEDCL Bilateral	12.229	148.599
2) TPCL Hydro	4.683	71.232	Include PX	0.835	4.561
TOTAL TPCL	35.987	590.811	2) MUMBAI Bilateral	9.519	136.308
3) REL Thermal	12.546	213.797	Include PX	2.806	45.108
D) STATE			3) MUMBAI Schedule	9.519	137.708
1) Thermal (A1+C1+C3)	160.666	2631.960	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	26.590	293.255	1) MSEDCL	253.117	4231.002
3) Gas (A3+B1)	37.424	616.185	2) TPCL	38.362	620.432
4) Wind (B2)	9.359	254.312	3) REL	19.314	317.887
TOTAL STATE	234.039	3795.712	TOTAL STATE	310.793	5169.321

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4902	5053	4695
MSGENCO Hydro	1337	1103	618
MSGENCO Gas	649	669	627
MSGENCO Total Generation	6888	6825	5940
Central Sector Receipt	3578	2973	2873
RGPPL	907	913	927
WIND	110	518	479
Exchange with TPCL	-564	-350	-52
MSEDCL DEMAND MET	10919	10903	10191
Load Shedding	2753	3243	1171
MSEDCL DEMAND (INCL. LS)	13672	14146	11362
TPCL GENERATION	1725	1738	1224
REL GENERATION	517	522	524
TPCL+REL DEMAND	2806	2610	1800
STATE DEMAND MET	13725	13513	11991
STATE DEMAND (INCL. LS)	16478	16756	13162
Frequency (Hz)	49.10	49.09	49.34
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3964 MW At 11.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			68.46 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.84 Hz at 06.04 Hrs	48.76 Hz at 13.49 Hrs	49.17	28.85 % 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 17/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.79	14.94	77	66	70
Unit 2	0.00	8.73	0	0	0
Unit 3	0.98	19.45	56	0	50
Unit 4	0.84	9.19	83	0	0
Unit 5	4.14	63.76	180	162	170
Unit 6	3.91	36.13	168	145	150
Unit 7	4.58	67.38	199	174	190
	16.25	219.60			630
Bhusawal					
Unit 1	0.64	20.10	52	21	25
Unit 2	4.00	65.00	172	156	170
Unit 3	4.18	71.04	178	168	175
	8.82	156.14			370
Parli					
Unit 1	0.54	9.16	24	21	20
Unit 2	0.48	8.62	26	0	20
Unit 3	3.42	55.20	150	130	150
Unit 4	3.77	63.90	162	150	155
Unit 5	4.14	68.70	183	163	170
Unit 6	0.00	0.58	0	0	0
	12.35	206.16			515
Chandrapur					
Unit 1	4.07	68.51	176	166	170
Unit 2	3.91	66.26	168	156	165
Unit 3	4.52	73.06	206	172	210
Unit 4	4.36	60.04	198	166	180
Unit 5	9.91	155.66	451	382	380
Unit 6	9.53	140.46	430	365	360
Unit 7	10.30	170.67	455	418	460
	46.60	734.67			1925
Paras					
Unit 2	0.45	9.12	23	16	22
Unit 3	5.00	75.44	219	200	210
	5.45	84.57			232
Khaparkheda					
Unit 1	4.10	72.09	186	160	170
Unit 2	4.28	66.40	185	172	170
Unit 3	4.26	65.81	181	171	170
Unit 4	4.18	73.03	179	169	170
	16.82	277.33			680
Nasik					
Unit 1	1.28	27.29	94	0	0
Unit 2	0.22	14.40	52	0	0
Unit 3	0.00	30.08	0	0	0
Unit 4	4.57	75.55	200	175	190
Unit 5	4.45	72.79	192	179	195
	10.52	220.11			385
Uran					
All Units	15.47	244.15	673	619	620
	15.47	244.15			620
Koyna					
Stage 1-2	2.68	46.36	315	45	600
Stage 4	13.57	108.50	968	0	250
Kovna 12&4 Total	16.26	154.86			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.77	34.17	320	0	320
	20.02	189.04			1170
Hydro					
KDPH	0.00	3.58	0	0	0
VTRNA	0.45	5.53	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.28	4.76	12	11	11
BHIRA T.R.	0.20	3.64	79	0	80
RNGR+BHTSA	0.24	4.75	11	10	13
BHANDARDRA	0.26	2.86	11	10	15
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.01	0.85	8	0	0
GHATGHAR	0.14	5.40	125	0	0
	1.59	31.37			179
PENCH (MS)					
Pench (MS)	0.29	1.62	24	0	
	0.29	1.62			
Wind					
MalharPeth	0.45	7.52			
Vankuswadi	0.91	18.14			
ATIT	0.19	3.61			
Kale	0.08	1.81			
Satara	0.42	11.76			
Shirala	0.31	5.74			
K Mahankal	0.54	4.62			
Supa	0.13	3.87			
Vita	1.03	31.48			
Dondaicha	3.21	106.17			
Sakri	0.72	19.32			
Nandurbar	0.60	16.35			
Khadakale	0.25	12.26			
Khaparale	0.54	11.64			
	9.36	254.31			
Dabhol					
RGPP L II	21.96	372.03	927	890	885
RGPP L III	0.00	0.00	0	0	
	21.96	372.03			885
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.08	205.79	505	490	500
Trombay 6	11.84	191.55	510	390	500
Trombay 7A	2.82	48.99	120	116	120
Trombay 7B	1.58	27.22	67	65	60
Trombay 8	2.98	46.02	136	88	150
TATA Hydro	4.68	71.23	429	2	447
	35.99	590.81			1777
REL					
1&2	12.55	213.80	528	517	500
	12.55	213.80			500
Cent Sect					
Share					3156
					3156

MS PG CL	Thermal	116.82	1898.58		4737
	Thml+Gas	132.28	2142.74		5357
	Hydro	21.61	220.40		1349
	Total	153.90	2363.14		6706
State Total		234.04	3795.71		13024

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	4758	1357	619	6734	922	484	3298	3163	-370	-351	10976	1053	12029	2238	14267	49.07
2	4730	946	629	6305	927	448	3006	3112	-210	-189	10627	1054	11681	2049	13730	49.45
3	4665	961	628	6254	926	489	2806	3047	-69	-48	10692	1109	11801	1900	13701	49.35
4	4657	684	628	5969	926	479	2807	2847	-69	-49	10196	1194	11390	1842	13232	49.27
5	4695	618	627	5940	927	479	2807	2873	-69	-52	10191	1171	11362	1800	13162	49.34
6	4777	1004	626	6407	927	479	2810	2903	-69	-79	10637	1416	12053	1817	13870	49.22
7	4796	418	635	5849	924	318	2811	2857	-68	-51	9897	2575	12472	1832	14304	49.33
8	4814	149	642	5605	925	420	3096	2995	-68	-52	9893	2651	12544	1886	14430	49.36
9	4865	228	635	5728	921	234	3092	2971	-68	-48	9806	3065	12871	2114	14985	49.23
10	4912	514	629	6055	911	208	3500	3490	-422	-406	10258	2921	13179	2497	15676	49.09
11	4860	1283	627	6770	912	115	3533	3608	-539	-515	10890	2786	13676	2746	16422	49.24
12	4902	1337	649	6888	907	110	3578	3578	-592	-564	10919	2753	13672	2806	16478	49.10
13	4883	1316	653	6852	890	114	3735	3610	-738	-740	10726	2758	13484	2845	16329	48.96
14	4852	1216	649	6717	894	176	3573	3434	-738	-757	10464	2868	13332	2872	16204	48.90
15	4824	1091	652	6567	896	280	3574	3458	-738	-752	10449	3065	13514	2849	16363	48.95
16	4832	925	655	6412	904	422	3624	3548	-738	-748	10538	3205	13743	2906	16649	49.10
17	4860	638	657	6155	909	597	3619	3511	-756	-755	10419	3352	13771	2894	16665	49.20
18	4929	436	668	6033	913	689	3498	3350	-658	-641	10368	3162	13530	2754	16284	49.27
19	4994	638	673	6305	918	521	3202	3258	-393	-384	10642	2628	13270	2575	15845	49.31
20	5053	1103	669	6825	913	518	2949	2973	-354	-350	10903	3243	14146	2610	16756	49.09
21	5040	1233	668	6941	913	561	2971	2893	-354	-312	11020	2920	13940	2552	16492	49.01
22	5043	1077	669	6789	915	518	3005	2965	-354	-311	10900	2709	13609	2457	16066	49.04
23	4934	1340	653	6927	919	338	3268	3216	-500	-454	10970	2011	12981	2431	15412	49.08
24	4932	1101	629	6662	916	362	3403	3256	-582	-535	10685	1540	12225	2404	14629	49.00
MUs	116.61	21.61	15.47	153.69	21.96	9.36	77.56	76.92	-9.52	-9.14	253.07	57.21	310.28	57.68	367.95	49.17

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 17/Jun/2009

Position as on 6.30 Hrs of 18/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
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	25/06/2009
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	19/06/2009
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	17/06/2009	18:50	Coal Mill Problem	
Nasik Unit 1	125	14/06/2009	15.20	17/06/2009	08:30	Boiler Tube Leakage	
Koradi Unit 4	115	15/06/2009	11.29	17/06/2009	08:04	Governer problem	
Parli Unit 2	30	16/06/2009	10:10	17/06/2009	04:26	DCH System Failure of Turbine Controller.	
Cent_Sect NTPC(V-5)	210	16/06/2009	20:50	18/06/2009	02:07	Boiler Tube Leakage	
Cent_Sect NTPC(K-4)	500	17/06/2009	12:40		Continued.	Boiler Tube Leakage	20/06/2009
Koradi Unit 3	105	17/06/2009	20:36		Continued.	Boiler Tube Leakage	22/06/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2009

Position as on 6.30 Hrs of 18/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 : 220KV			Outage Type TRIPPED		
TILLARY-PHONDA	17/06/2009	12:25	17/06/2009	14:18	Tripped ,Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
220 KV Main Bus - I @ Chandrapur.	16/06/2009	10:09	17/06/2009	08:45	Attending hot spot.
400/220 KV Spare ICT @ Lonikand.	17/06/2009	08:38	17/06/2009	17:56	SFRA Test.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
P'pur-Malinagar	17/06/2009	09:55	17/06/2009	16:25	Bus Outage at Malinagar.
220 KV Bus @ Malinagar.	17/06/2009	09:55	17/06/2009	16:25	Q.M. WORK
Khaparkheda - Kanhan - I	17/06/2009	10:03	17/06/2009	12:58	Q.M. WORK
220/132 KV,150 MVA ICT @ Bale.	17/06/2009	10:05	17/06/2009	12:45	Q.M. WORK
220 KV Main Bus - I @ New Parly.	17/06/2009	11:50	17/06/2009	17:35	C.T. Jumpering Work.
Khaparkheda-Ambazari ckt - I	17/06/2009	13:04	17/06/2009	16:41	Testing Work
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Dhamangaon-wardha	13/06/2009	14.45	17/06/2009	09:25	H/T to increase load on Akola ICT.
Voltage Level : 220KV			Outage Type TRIPPED		
Bableshwar - Ahemednagar ckt. I	17/06/2009	02:10	17/06/2009	08:08	Tripped ,Dist.Prot.
Kolhapur-Mumewadi	17/06/2009	12:25	17/06/2009	17:30	Tripped ,Dist.Prot.
BBLSWR-ANAGAR CKT I	17/06/2009	18:01	17/06/2009	18:30	Tripped ,Dist.Prot.
Dondaicha - Jamde - I	17/06/2009	18:20	18/06/2009	01:25	Wave Trap Jumper Broken.
Dondaicha - Jamde - II.	17/06/2009	18:20	17/06/2009	18:40	Tripped on backup protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	0
Unit 3	105	0
Unit 4	105	80
Unit 5	200	175
Unit 6	210	165
Unit 7	210	190
	1040	690
Bhusawal		
Unit 1	58	25
Unit 2	210	170
Unit 3	210	175
	478	370
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	175
Unit 6	250	0
	940	515
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	210
Unit 4	210	180
Unit 5	500	400
Unit 6	500	440
Unit 7	500	450
	2340	2015
Paras		
Unit 2	55	20
Unit 3	250	210
	305	230
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	200
Unit 5	210	190
	870	550
Uran		
All Units	852	640
	852	640
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	12
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	11
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	174
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	150
TATA Hydro	444	447
	2024	1777
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3024
	3143	3024

	17616	13215
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