



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Jun/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.788	444.926	1) Madhya Pradesh	68.739	275.763
2) Hydro	12.234	42.480	2) Gujrat	15.053	60.492
3) Gas	15.115	58.955	3) Goa	-6.211	-24.588
Total MSGENCO	136.137	546.361	4) TAPS 1&2 (Inj.)	6.727	26.972
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	20.181	87.119	# Total Cent. Sector	84.308	338.639
2) Wind Generation	15.997	59.862	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-8.645	-28.918
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.318	123.509	1) MSEDCL Bilateral	7.997	33.521
2) TPCL Hydro	5.249	23.194	Include PX	0.000	0.000
TOTAL TPCL	35.567	146.703	2) MUMBAI Bilateral	8.142	27.640
3) REL Thermal	12.555	50.330	Include PX	3.069	7.440
D) STATE			3) MUMBAI Schedule	8.142	27.640
1) Thermal (A1+C1+C3)	151.661	618.765	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	17.483	65.674	1) MSEDCL	247.978	1003.063
3) Gas (A3+B1)	35.296	146.074	2) TPCL	37.616	150.641
4) Wind (B2)	15.997	59.862	3) REL	19.150	75.305
TOTAL STATE	220.437	890.375	TOTAL STATE	304.744	1229.009

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4457	4412	4757
MSGENCO Hydro	271	661	81
MSGENCO Gas	630	632	614
MSGENCO Total Generation	5358	5705	5452
Central Sector Receipt	4158	3333	3241
RGPPL	652	929	932
WIND	578	873	620
Exchange with TPCL	-533	-344	-73
MSEDCL DEMAND MET	10213	10496	10172
Load Shedding	3514	3688	1570
MSEDCL DEMAND (INCL. LS)	13727	14184	11742
TPCL GENERATION	1690	1634	1227
REL GENERATION	525	519	524
TPCL+REL DEMAND	2748	2497	1824
STATE DEMAND MET	12961	12993	11996
STATE DEMAND (INCL. LS)	16475	16681	13566
Frequency (Hz)	49.56	49.48	49.89
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4442 MW At 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			78.01 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.28 Hz at 06.46 Hrs	48.96 Hz at 21.37 Hrs	49.61	.1 % 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 04/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	1.58	6.39	76	50	75
Unit 3	1.24	5.05	64	38	50
Unit 4	0.46	1.48	74	0	0
Unit 5	3.92	13.61	180	137	150
Unit 6	0.00	9.38	0	0	0
Unit 7	4.20	14.23	192	135	150
	11.40	50.14			425
Bhusawal					
Unit 1	1.25	4.79	56	50	50
Unit 2	4.00	13.57	177	154	170
Unit 3	4.28	17.07	187	166	175
	9.53	35.42			395
Parli					
Unit 1	0.11	1.84	24	0	0
Unit 2	0.55	2.15	24	14	20
Unit 3	3.48	9.33	152	137	140
Unit 4	3.71	14.67	157	150	150
Unit 5	4.01	15.84	170	170	160
Unit 6	0.00	0.56	0	0	0
	11.85	44.39			470
Chandrapur					
Unit 1	3.99	16.06	172	164	165
Unit 2	3.86	15.71	166	156	160
Unit 3	4.12	15.75	208	127	210
Unit 4	4.19	12.21	186	160	180
Unit 5	8.92	35.09	395	354	400
Unit 6	3.11	29.91	432	0	425
Unit 7	10.07	39.28	458	390	450
	38.26	164.01			1990
Paras					
Unit 2	0.48	2.04	21	18	20
Unit 3	4.54	17.88	228	178	180
	5.02	19.92			200
Khaparkheda					
Unit 1	4.24	17.08	199	169	170
Unit 2	3.59	12.94	180	0	170
Unit 3	4.36	17.29	211	170	170
Unit 4	4.30	17.48	209	167	170
	16.50	64.80			680
Nasik					
Unit 1	2.06	8.57	91	77	90
Unit 2	1.14	6.09	62	36	60
Unit 3	4.32	17.05	194	162	170
Unit 4	4.37	17.44	195	172	170
Unit 5	4.35	17.11	190	171	170
	16.24	66.25			660
Uran					
All Units	15.12	58.96	641	614	620
	15.12	58.96			620
Koyna					
Stage 1-2	3.08	10.30	500	40	600
Stage 4	5.83	19.48	772	0	250
Kovna 12&4 Total	8.91	29.78			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.76	6.28	160	0	320
	10.67	36.06			1170
Hydro					
KDPH	0.00	0.55	0	0	36
VTRNA	0.19	0.88	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.32	1.35	14	13	15
BHIRA T.R.	0.29	0.86	82	0	80
RNGR+BHTSA	0.25	1.14	11	10	13
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.24	10	0	10
GHATGHAR	0.45	1.41	125	0	0
	1.56	6.42			214
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.56	1.89			
Vankuswadi	1.15	4.46			
ATIT	0.25	0.91			
Kale	0.10	0.34			
Satara	0.57	3.05			
Shirala	0.40	1.43			
K Mahankal	0.66	1.38			
Supa	0.19	0.87			
Vita	2.64	8.69			
Dondaicha	5.82	21.49			
Sakri	0.91	4.84			
Nandurbar	1.23	4.11			
Khadakale	0.81	3.52			
Khaparale	0.72	2.89			
	16.00	59.86			
Dabhol					
RGPPPL II	20.18	87.12	932	628	600
RGPPPL III	0.00	0.00	0	0	
	20.18	87.12			600
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.11	48.44	505	495	500
Trombay 6	11.50	45.38	510	350	500
Trombay 7A	2.90	11.55	125	117	120
Trombay 7B	1.62	6.45	68	66	60
Trombay 8	2.19	11.69	142	0	140
TATA Hydro	5.25	23.19	453	2	447
	35.57	146.70			1767
REL					
1&2	12.56	50.33	526	519	500
	12.56	50.33			500
Cent Sect					
Share					3166
					3166

MS PG CL	Thermal	108.79	444.93		4820
	Thml+Gas	123.90	503.88		5440
	Hydro	12.23	42.48		1384
	Total	136.14	546.36		6824
State Total		220.44	890.38		12857

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	4626	1071	627	6324	932	736	3127	3263	-315	-326	10929	1166	12095	2259	14354	49.36
2	4623	731	633	5987	931	731	2929	3302	-127	-134	10817	1170	11987	2007	13994	49.59
3	4708	456	615	5779	931	665	2866	3358	-62	-76	10657	1256	11913	1898	13811	49.70
4	4757	81	614	5452	932	620	2868	3241	-62	-73	10172	1570	11742	1824	13566	49.89
5	4735	146	614	5495	931	578	2868	3230	-62	-73	10161	1749	11910	1784	13694	49.68
6	4846	590	621	6057	682	539	2868	3261	-62	-85	10454	1898	12352	1796	14148	49.53
7	4903	64	641	5608	631	507	2890	3062	-62	-75	9733	3013	12746	1785	14531	49.94
8	4790	69	638	5497	629	506	3040	3458	-62	-75	10015	2831	12846	1858	14704	49.80
9	4448	75	636	5159	629	625	3038	3929	-62	-77	10265	3177	13442	2065	15507	49.90
10	4427	75	631	5133	628	567	3338	3927	-420	-434	9821	3817	13638	2454	16092	49.47
11	4457	271	630	5358	652	578	3429	4158	-514	-533	10213	3514	13727	2748	16475	49.56
12	4458	656	614	5728	723	560	3428	4027	-514	-527	10511	3468	13979	2848	16827	49.52
13	4458	684	622	5764	786	576	3527	3740	-608	-642	10224	3418	13642	2855	16497	49.54
14	4441	481	624	5546	895	643	3526	3916	-608	-644	10356	3478	13834	2786	16620	49.65
15	4415	362	622	5399	918	787	3524	3661	-608	-644	10121	3482	13603	2847	16450	49.59
16	4381	383	622	5386	923	578	3522	3703	-608	-649	9941	3481	13422	2859	16281	49.58
17	4366	342	627	5335	926	772	3522	3526	-660	-703	9856	3668	13524	2827	16351	49.69
18	4333	306	636	5275	927	851	3389	3493	-541	-577	9969	3519	13488	2699	16187	49.85
19	4363	223	636	5222	927	803	3164	3366	-337	-365	9953	3456	13409	2488	15897	49.75
20	4412	661	632	5705	929	873	3113	3333	-316	-344	10496	3688	14184	2497	16681	49.48
21	4464	950	631	6045	928	759	3101	3272	-269	-278	10726	3398	14124	2452	16576	49.37
22	4519	862	634	6015	929	713	3102	3336	-269	-297	10696	3153	13849	2383	16232	49.39
23	4507	1308	632	6447	930	709	3373	3402	-499	-482	11006	1988	12994	2387	15381	49.31
24	4508	1387	638	6533	932	716	3379	3413	-499	-532	11062	1590	12652	2361	15013	49.53
MUs	108.95	12.23	15.07	136.25	20.18	15.99	76.93	84.38	-8.14	-8.64	248.15	66.95	315.10	56.77	371.87	49.61

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 04/Jun/2009

Position as on 6.30 Hrs of 05/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
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	
Koradi Unit 1	105	21/05/2009	08.49		Continued.	Hot Spot in Windbox.	06/06/2009
Uran Unit 3	60	29/05/2009	01.03		Continued.	Governer Problem	
Koradi Unit 4	115	01/06/2009	22.34	04/06/2009	13.35	Economizer Tube leakage	04/06/2009
Khaparkheda Unit 2	210	03/06/2009	06.30	04/06/2009	01.33	Flame Failure	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Bearing Vibration.	06/06/2009
Koradi Unit 6	210	03/06/2009	23.06		Continued.	Economizer Tube leakage	06/06/2009
Parli Unit 1	30	04/06/2009	04.47	05/06/2009	04:25	Excitation bearing work.	
Dabhol 1A	230	04/06/2009	05.03	04/06/2009	09.31	Tripped gas monitor fault.	
Dabhol 1X	290	04/06/2009	05.05	04/06/2009	11.01	Tripped gas monitor fault.	
Chandrapur Unit 6	500	04/06/2009	08.02		Continued.	Boiler Tube Leakage	06/06/2009
Tata Trombay 8	250	04/06/2009	15.45	04/06/2009	22.07	Coal Mill Problem	
Tata Trombay 8	250	04/06/2009	22.55		Continued.	Drum Level Low	06/06/2009
Paras Unit 3	250	05/06/2009	00.47	05/06/2009	05.18	Furnance Pressure Low.	
Cent_Sect NTPC (K-2)	210	05/06/2009	05.05		Continued.	Turbine Trip.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2009

Position as on 6.30 Hrs of 05/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220kv 315MVA ICT-II at Kolhapur	04/06/2009	09.58	04/06/2009	17.28	Q.M. WORK
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/110 KV 100 MVA T/F - I @ Kolhapur	01/06/2009	00.10		Continued.	Oil filtration
Kandalgaon-Lonand	04/06/2009	06.50	04/06/2009	17.21	Insulator Replacement
Temghar-Colourchem	04/06/2009	07.45	04/06/2009	22.17	Tower shifting work
Jejuri-Jejuri I	04/06/2009	10.41	04/06/2009	13.26	Q.M. WORK
Karad-M'peth	04/06/2009	10.53	04/06/2009	18.16	Connecting T Jumper
Lonikhand-Theur CKT.I	04/06/2009	11.38	04/06/2009	14.10	SMS Work.
Lonikhand-Theur CKT. II	04/06/2009	14.15	04/06/2009	16.05	Retrofitting work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE I -CHDPR	04/06/2009	16.19	04/06/2009	20.22	Faulty thyristor replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/66 KV, 50 MVA ICT-I At Warora	04/06/2009	19.30		Continued.	Tripped on Diff.Prot.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
Voltage Level : 400KV			Outage Type TRIPPED		
STG IV-New Koyna-II	04/06/2009	05.10	04/06/2009	06.39	Tripped ,Dist.Prot.
KALWA-LONIKAND	04/06/2009	07.23		Continued.	Tripped on Dist.Prot.
Padgha-Lonikhand	04/06/2009	07.25	04/06/2009	08.33	C.V.T. fuse failure at Padgha
PADGHA-KHARGHAR	04/06/2009	07.26		Continued.	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Wada-Kolshet	04/06/2009	06.33	04/06/2009	08.05	Tripped on Dist.Prot.
Trombay-Nerul	04/06/2009	08.18	04/06/2009	18.54	Tripped on Dist.Prot.
Tifil-Trombay	04/06/2009	12.40	04/06/2009	13.14	Tripped on Dist.Prot.
Gadchandur-Virur-I	04/06/2009	20.36	04/06/2009	20.59	Tripped on Dist.Prot.
Gadchandur-Virur-II	04/06/2009	20.36	04/06/2009	21.25	Tripped on Dist.Prot.Y Ph. E/F Zone II
Voltage Level : 132KV			Outage Type TRIPPED		
Bhusawal-Yawal Ckt.	04/06/2009	13.51	04/06/2009	18.26	Tripped on Dist.Prot.'Y'Ph.C.T.Jumper Broken.
Virur-Ashti	05/06/2009	03.47	05/06/2009	04.24	Tripped on Dist.Prot.
null					
Voltage Level : 220KV			Outage Type TRIPPED		
Chandrapur MIDC - Gadchandur	04/06/2009	20.55	04/06/2009	21.10	Tripped on dist.prot.R Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	50
Unit 3	105	50
Unit 4	105	60
Unit 5	200	170
Unit 6	210	0
Unit 7	210	180
	1040	510
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	175
	478	395
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	180
Unit 4	210	190
Unit 5	500	400
Unit 6	500	0
Unit 7	500	450
	2340	1550
Paras		
Unit 2	55	20
Unit 3	250	180
	305	200
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	45
Unit 2	120	70
Unit 3	210	175
Unit 4	210	185
Unit 5	210	175
	870	650
Uran		
All Units	852	630
	852	630
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	61
TILLARI	60	0
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	8
GHATGHAR	250	0
	611	169
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	875
RGPPPL III	740	
	1700	875
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3081
	3143	3081

	17616	12527
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