



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/May/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	119.719	710.455	1) Madhya Pradesh	59.469	357.648
2) Hydro	21.961	96.164	2) Gujrat	19.032	111.973
3) Gas	15.528	92.833	3) Goa	-6.327	-37.239
Total MSGENCO	157.208	899.452	4) TAPS 1&2 (Inj.)	6.630	28.873
B) OTHERS			5) Pench (Excess)	-0.258	-1.435
1) RGPPL Gas	14.884	78.346	# Total Cent. Sector	78.546	459.820
2) Wind Generation	8.948	66.734	F) Other Exchanges		
3) PENCH (MS)	0.258	1.435	1) With TPCL	-3.709	-8.995
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.326	199.732	1) MSEDCL Bilateral	8.424	50.232
2) TPCL Hydro	3.860	17.267	Include PX	1.091	4.318
TOTAL TPCL	37.186	216.999	2) MUMBAI Bilateral	4.889	15.092
3) REL Thermal	12.561	75.571	Include PX	0.142	-6.267
D) STATE			3) MUMBAI Schedule	4.889	15.092
1) Thermal (A1+C1+C3)	165.606	985.758	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	26.079	114.866	1) MSEDCL	256.135	1498.227
3) Gas (A3+B1)	30.412	171.179	2) TPCL	35.736	203.089
4) Wind (B2)	8.948	66.734	3) REL	17.717	98.468
TOTAL STATE	231.045	1338.537	TOTAL STATE	309.588	1799.784

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4998	5065	4772
MSGENCO Hydro	779	1423	221
MSGENCO Gas	646	646	662
MSGENCO Total Generation	6423	7134	5655
Central Sector Receipt	3442	3380	3227
RGPPL	619	620	625
WIND	283	367	501
Exchange with TPCL	-409	-135	39
MSEDCL DEMAND MET	10358	11390	10047
Load Shedding	3329	3222	1470
MSEDCL DEMAND (INCL. LS)	13687	14612	11517
TPCL GENERATION	1682	1818	1253
REL GENERATION	524	521	525
TPCL+REL DEMAND	2615	2474	1739
STATE DEMAND MET	12973	13864	11786
STATE DEMAND (INCL. LS)	16302	17086	13256
Frequency (Hz)	49.59	49.47	49.69
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4026 MW At 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			77.29 MUS.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.25 Hz at 07.03 Hrs	48.79 Hz at 15.26 Hrs	49.46	6.06 % 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 06/May/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	1.57	5.58	77	26	70
Unit 3	1.63	9.00	76	54	80
Unit 4	1.55	8.37	74	36	80
Unit 5	3.30	19.19	152	128	180
Unit 6	3.45	19.10	158	110	170
Unit 7	3.48	19.52	162	114	170
	14.97	80.78			750
Bhusawal					
Unit 1	1.24	5.06	55	44	50
Unit 2	4.00	24.13	177	150	175
Unit 3	4.12	24.76	176	166	175
	9.36	53.95			400
Parli					
Unit 1	0.53	3.21	23	19	20
Unit 2	0.58	3.49	26	21	20
Unit 3	3.33	10.16	142	129	140
Unit 4	3.66	22.30	159	142	150
Unit 5	3.55	22.29	152	140	150
Unit 6	4.91	31.40	220	191	220
	16.56	92.84			700
Chandrapur					
Unit 1	4.18	25.06	180	172	170
Unit 2	4.03	24.18	170	167	170
Unit 3	2.18	20.13	200	67	80
Unit 4	0.00	0.00	0	0	0
Unit 5	9.70	59.00	438	370	450
Unit 6	9.70	58.64	445	380	425
Unit 7	10.21	62.05	457	390	450
	40.01	249.06			1745
Paras					
Unit 2	1.16	2.93	51	45	45
Unit 3	4.13	25.66	218	102	100
	5.30	28.59			145
Khaparkheda					
Unit 1	4.31	26.39	185	175	175
Unit 2	4.25	25.90	181	172	175
Unit 3	4.33	26.40	184	176	175
Unit 4	4.31	26.58	182	174	175
	17.20	105.26			700
Nasik					
Unit 1	2.18	13.28	94	88	90
Unit 2	1.35	9.93	60	52	65
Unit 3	4.32	25.83	186	170	170
Unit 4	4.38	25.92	191	170	170
Unit 5	4.09	25.02	175	163	170
	16.32	99.98			665
Uran					
All Units	15.53	92.83	667	615	620
	15.53	92.83			620
Koyna					
Stage 1-2	3.12	15.63	355	35	600
Stage 4	11.54	45.79	890	0	250
Koyna 12&4 Total	14.66	61.42			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.03	13.12	316	0	320
	17.69	74.54			1170
Hydro					
KDPH	0.00	1.65	0	0	0
VTRNA	1.11	7.07	61	0	60
TILLARI	0.21	1.58	61	0	60
BHTGR/VEER	0.96	5.30	40	39	35
BHIRA T.R.	0.17	0.86	80	0	80
RNGR+BHTSA	0.32	1.90	14	13	15
BHANDARDRA	0.72	0.94	30	30	38
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.30	11	0	0
GHATGHAR	0.72	2.03	125	0	0
	4.27	21.62			288
PENCH (MS)					
Pench (MS)	0.26	1.44	25	0	
	0.26	1.44			
Wind					
MalharPeth	0.22	1.97			
Vankuswadi	0.46	3.94			
ATIT	0.08	0.71			
Kale	0.18	1.67			
Satara	0.18	3.47			
Shirala	0.17	1.63			
K Mahankal	0.27	0.78			
Supa	0.16	1.58			
Vita	0.96	7.50			
Dondaicha	4.31	27.56			
Sakri	0.59	4.54			
Nandurbar	0.67	3.65			
Khadakale	0.47	4.68			
Khaparale	0.23	3.04			
	8.95	66.73			
Dabhol					
RGPP L II	14.88	78.35	627	612	598
RGPP L III	0.00	0.00	0	0	
	14.88	78.35			598
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.08	72.63	505	480	500
Trombay 6	10.70	65.80	510	200	500
Trombay 7A	2.92	16.34	125	118	120
Trombay 7B	1.62	9.16	69	67	60
Trombay 8	6.00	35.82	252	243	250
TATA Hydro	3.86	17.27	370	0	447
	37.19	217.00			1877
REL					
1&2	12.56	75.57	527	521	500
	12.56	75.57			500
Cent Sect					
Share					3067
					3067

MS PG CL	Thermal	119.72	710.46		5105
	Thml+Gas	135.25	803.29		5725
	Hydro	21.96	96.16		1458
	Total	157.21	899.45		7183
State Total		231.04	1338.54		13225

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/May/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	4789	930	652	6371	625	462	2863	3045	-21	27	10555	1488	12043	2027	14070	49.43
2	4763	451	656	5870	627	509	2857	3114	-14	35	10172	1492	11664	1849	13513	49.60
3	4772	221	662	5655	625	501	2924	3227	-14	39	10047	1470	11517	1739	13256	49.69
4	4780	457	664	5901	625	455	2926	3155	-14	41	10177	1482	11659	1631	13290	49.76
5	4860	489	664	6013	626	452	2819	3185	93	143	10419	1889	12308	1608	13916	49.61
6	4979	714	666	6359	627	459	2822	3056	90	136	10637	2234	12871	1662	14533	49.60
7	5049	190	667	5906	622	353	2860	2970	-14	29	9880	3317	13197	1722	14919	49.87
8	5125	180	663	5968	622	380	2972	2738	180	229	9937	3127	13064	1744	14808	49.84
9	5017	352	658	6027	622	497	3086	3457	-74	-22	10581	2871	13452	1990	15442	49.59
10	4987	629	648	6264	621	415	3229	3357	-380	-339	10318	3550	13868	2355	16223	49.59
11	4998	779	646	6423	619	283	3296	3442	-451	-409	10358	3329	13687	2615	16302	49.59
12	4952	1306	639	6897	618	338	3293	3502	-451	-411	10944	3183	14127	2697	16824	49.51
13	4967	1439	630	7036	613	352	3316	3503	-474	-426	11078	3181	14259	2697	16956	49.40
14	4913	1674	624	7211	617	225	3243	3266	-403	-356	10963	3189	14152	2604	16756	49.21
15	5022	1400	615	7037	612	231	3289	3300	-451	-409	10777	3126	13903	2672	16575	49.02
16	4978	1285	618	6881	613	257	3316	3311	-474	-442	10644	3133	13777	2700	16477	49.10
17	4981	1024	628	6633	616	274	3318	3388	-474	-431	10503	3402	13905	2696	16601	49.35
18	5001	750	632	6383	616	315	3543	3603	-368	-322	10618	3178	13796	2559	16355	49.35
19	5074	625	648	6347	619	373	3495	3646	-276	-219	10789	2948	13737	2433	16170	49.67
20	5065	1423	646	7134	620	367	3204	3380	-187	-135	11390	3222	14612	2474	17086	49.47
21	5083	1628	640	7351	619	428	3210	3226	-187	-127	11520	2940	14460	2395	16855	49.23
22	5217	1371	640	7228	620	341	3211	3257	-187	-125	11344	2638	13982	2254	16236	49.27
23	5187	1339	641	7167	620	390	3291	3339	-230	-164	11375	2284	13659	2204	15863	49.17
24	5042	1305	640	6987	620	293	3059	3027	-111	-51	10900	2012	12912	2129	15041	49.07
MUs	119.60	21.96	15.49	157.05	14.88	8.95	75.44	78.49	-4.89	-3.71	255.93	64.68	320.61	53.46	374.07	49.46

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 06/May/2009

Position as on 6.30 Hrs of 07/May/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
Chandrapur Unit 4	210	21/04/2009	00.05		Continued.	W/D for COH.	25/05/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
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	01/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 1	105	27/04/2009	22.07		Continued.	Condensor Tube Leakage	10/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Boiler Tube Leakage	
Uran Unit 3	60	04/05/2009	21.15		Continued.	Gas Restriction	
Uran Unit B0	120	07/05/2009	15.19	07/05/2009	18.10	Seal.Temp.High	
Parli Unit 5	210	07/05/2009	21.49		Continued.	Condensor Tube Leakage	
Uran Unit B0	120	07/05/2009	22.55		Continued.	Sealing Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2009

Position as on 6.30 Hrs of 07/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - I	29/04/2009	17.49	07/05/2009	10:14	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Seoni-Wardha-1	07/05/2009	07.05	07/05/2009	08.30	Tripped on over voltage
Wardha - Akola - II	07/05/2009	07:05		Continued.	Tripped on over voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
400/220KV, 315 MVA ICT-I at Kolhapur.	06/05/2009	09.55	06/05/2009	18.27	SFRA Test and Maintaince Work.
400/220KV, 500MVA ICT at Lamboti	06/05/2009	11.00	06/05/2009	15.53	Testing Work
Padgha-Bhoisor (PGCIL)	07/05/2009	09.46	07/05/2009	20.09	Bay Maintenance work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV, 125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Borivali-Kalwa	04/05/2009	09:28	07/05/2009	22.23	Shifting of new panel & replacement of isolator.
Koradi-Ambazari-I	06/05/2009	08.16	06/05/2009	17.12	Q.M. WORK
Khaparkheda-Kawlewada-I	06/05/2009	08.58	06/05/2009	17.15	Q.M. WORK
Kharepatan-Pawas	06/05/2009	10.00	06/05/2009	18.20	Cleaning of line Insulator
Kalwa-C'chem	06/05/2009	12.00	06/05/2009	14.50	Measurment Of Cross Arm at LOC.1
Khaparkheda - Kanhan - I	06/05/2009	12.38	06/05/2009	14.34	Relay Testing Work.
Bus Coupler at Uran	06/05/2009	15.50	06/05/2009	21.30	R Ph.PT Repl.Of BUS-I.
Pirangut-Hinjewadi	07/05/2009	08.10	07/05/2009	18.30	Errection Of Tower.
Apta-Uran-II	07/05/2009	09.48	07/05/2009	22.20	P.T.Replacement.
New-Koyna-Pawas	07/05/2009	09.56	07/05/2009	18.21	Insulator Cleaning.
Chinchwad-Bhosari	07/05/2009	10.45	07/05/2009	13.13	Q.M. WORK
Aurangbad-Chitegaong-II	07/05/2009	11.19	07/05/2009	13.20	Q.M. WORK
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
220 KV Own Brk..of 315 MVA ICT at Akola	23/04/2009	15.50		Continued.	Breaker Problem
Dabhol-NewKoyna-II	07/05/2009	21.28	07/05/2009	23.14	To Remove Honeycomb.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 315MVA ICT-I at Kharghar	06/05/2009	15.52	06/05/2009	18.47	Tripped, PRV Operated
400/220KV, 315MVA ICT-I @ New Koyna.	07/05/2009	17.20	07/05/2009	19.00	Tripped On NDR
Voltage Level : 132KV			Outage Type TRIPPED		
Bhandara-Kardha	06/05/2009	09.35	06/05/2009	09.55	Tripped on Dist.Prot.
Kardha-Sakoli	06/05/2009	09.35	06/05/2009	20.40	B Phase CT Burst
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Standard	07/05/2009	14.10	07/05/2009	15.10	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	60
Unit 4	105	70
Unit 5	200	110
Unit 6	210	140
Unit 7	210	110
	1040	560
Bhusawal		
Unit 1	58	50
Unit 2	210	175
Unit 3	210	175
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	150
Unit 6	250	220
	940	700
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	425
Unit 6	500	425
Unit 7	500	425
	2340	1825
Paras		
Unit 2	55	45
Unit 3	250	160
	305	205
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	90
Unit 2	120	60
Unit 3	210	170
Unit 4	210	180
Unit 5	210	170
	870	670
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	60
BHTGR/VEER	21	48
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	25
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	288
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	740	587
RGPL III	740	
	1480	587
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	70
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3257
	3143	3257

	17396	13379
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