



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Jun/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Jun/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	85.733	773.000	1) Madhya Pradesh	85.644	642.140
2) Hydro	9.604	94.361	2) Gujrat	20.558	227.901
3) Gas	16.030	148.558	3) Goa	-6.736	-60.418
Total MSGENCO	111.367	1015.919	4) TAPS 1&2 (Inj.)	7.189	64.725
B) OTHERS			5) Pench (Excess)	-0.416	-2.072
1) RGPPL Gas	35.730	325.618	# Total Cent. Sector	106.239	872.276
2) Wind Generation	6.284	126.684	F) Other Exchanges		
3) CPP	6.931	47.137	1) With TPCL (Excess)	-10.360	-89.836
4) PENCH (MS)	0.416	2.072	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	8.213	78.986
1) TPCL Thermal	32.159	293.902	Include PX	1.312	26.052
2) TPCL Hydro	2.588	23.706	2) MUMBAI Bilateral	11.298	99.854
TOTAL TPCL	34.747	317.608	Include PX	0.191	4.969
3) REL Thermal	12.514	112.412	3) MUMBAI Schedule	11.298	99.854
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	130.406	1179.314	1) MSEDCL	256.607	2299.870
2) Hydro (A2+B3+C2)	12.608	120.139	2) TPCL	37.448	332.718
3) Gas (A3+B1)	51.760	474.176	3) REL	20.173	187.125
4) Wind (B2)	6.284	126.684	TOTAL STATE	314.228	2819.713
5) CPP (B3)	6.931	47.137			
TOTAL STATE	207.989	1947.450			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3584	3521	3737
MSGENCO Hydro	868	137	76
MSGENCO Gas	555	622	715
MSGENCO Total Generation	5007	4280	4528
Central Sector Receipt	4793	5045	4390
RGPPL	1544	1536	1295
WIND	56	372	393
CPP	286	285	290
Exchange with TPCL	-605	-616	-218
MSEDCL DEMAND MET	11094	10925	10678
Load Shedding	4057	4036	2229
MSEDCL DEMAND (INCL. LS)	15151	14961	12907
TPCL GENERATION	1752	1752	1091
REL GENERATION	523	522	521
TPCL+REL DEMAND	2880	2890	1830
STATE DEMAND MET	13974	13815	12508
STATE DEMAND (INCL. LS)	18031	17851	14737
Frequency (Hz)	49.67	49.82	49.92
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			6036 MW AT 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			117.83 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.49 Hz at 06.03 Hrs	49.36 Hz at 11.23 Hrs	49.82	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 09/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.49	13.59	68	32	70
Unit 2	0.59	12.58	70	0	70
Unit 3	1.59	13.38	71	60	70
Unit 4	0.03	8.30	17	0	0
Unit 5	3.16	21.75	150	116	130
Unit 6	3.13	20.46	145	105	140
Unit 7	3.10	26.34	145	115	140
	13.10	116.39			620
Bhusawal					
Unit 1	0.56	4.02	25	21	25
Unit 2	4.21	36.86	180	160	180
Unit 3	4.08	34.86	180	160	180
	8.85	75.74			385
Parli					
Unit 1	0.60	5.04	26	23	22
Unit 2	0.51	4.64	24	16	22
Unit 3	4.24	38.42	189	160	180
Unit 4	3.11	35.19	146	115	185
Unit 5	3.66	32.31	172	135	170
Unit 6	4.14	51.85	255	0	250
Unit 7	5.51	11.26	247	177	0
	21.77	178.72			829
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	3.61	37.35	166	126	150
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
	3.61	37.35			150
Paras					
Unit 2	0.57	5.98	26	22	24
Unit 3	5.96	50.80	252	243	245
Unit 4	5.23	32.12	254	189	0
	11.76	88.89			269
Khaparkheda					
Unit 1	3.84	37.50	195	100	160
Unit 2	3.69	35.69	166	136	160
Unit 3	3.74	37.38	172	135	160
Unit 4	3.85	35.10	187	141	150
	15.12	145.66			630
Nasik					
Unit 1	0.30	18.11	96	0	0
Unit 2	2.24	10.32	98	84	90
Unit 3	4.28	40.57	185	170	180
Unit 4	0.00	19.88	0	0	0
Unit 5	4.69	41.38	200	190	200
	11.51	130.25			470
Koyna					
Stage 1-2	2.22	23.77	285	35	600
Stage 4	3.85	36.65	566	0	250
Stage 3	1.64	13.59	158	0	320
	7.71	74.01			1170
Kovna 12&4 Total	6.07	60.42			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		16.03	148.56	715	530	680
		16.03	148.56			680
Hydro						
KDPH		0.15	1.95	28	0	0
VTRNA		0.48	4.40	61	0	60
TILLARI		0.00	0.00	0	0	0
BHTGR/VEER		0.08	0.87	4	3	4
BHIRA T.R.		0.15	1.55	41	0	40
RNGR+BHTSA		0.07	0.62	4	3	2
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.28	2.89	18	9	8
GHATGHAR		0.67	8.07	125	0	0
		1.89	20.35			114
PENCH (MS)						
Pench (MS)		0.42	2.07	47	0	0
		0.42	2.07			0
Wind						
MalharPeth		0.12	3.40			
Vankuswadi		0.33	7.36			
ATIT		0.04	2.28			
Kale		0.19	2.96			
Satara		0.11	4.57			
Shirala		0.12	3.17			
K Mahankal		0.41	5.38			
Supa		0.06	1.74			
Vita		0.70	15.62			
Dondaicha		2.66	51.78			
Sakri		0.36	8.35			
Nandurbar		0.42	6.16			
Khadakale		0.38	7.10			
Khaparale		0.38	6.82			
		6.28	126.68			
CPP						
TOTAL CPP		6.93	47.14			
		6.93	47.14			
Dabhol						
RGPPL		35.73	325.62	1578	1252	1520
		35.73	325.62			1520
Tata						
Trombay 4		2.64	22.30	113	108	100
Trombay 5		11.88	100.30	495	495	500
Trombay 6		7.81	81.85	450	150	450
Trombay 7A		2.86	25.52	123	116	120
Trombay 7B		1.59	14.26	67	65	60
Trombay 8		5.39	49.67	255	151	250
TATA Hydro		2.59	23.71	312	0	447
		34.75	317.61			1927
REL						
1&2		12.51	112.41	524	519	500
		12.51	112.41			500
Cent Sect						
Share						3127
						3127
MS PG CL	Thermal	85.73	773.00			3353
	Thml+Gas	101.76	921.56			4033
	Hydro	9.60	94.36			1284
	Total	111.37	1015.92			5317
State Total		207.99	1947.45			12391

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Jun/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	3765	176	710	4651	1252	436	290	2943	4541	-465	-420	10773	2091	12864	2267	15131	49.87
2	3772	96	713	4581	1260	467	308	2849	4269	-375	-334	10551	2667	13218	2098	15316	50.00
3	3778	198	710	4686	1264	454	303	2765	4102	-283	-236	10573	2538	13111	1967	15078	49.86
4	3758	77	713	4548	1265	417	301	2765	4411	-283	-231	10711	2194	12905	1886	14791	49.98
5	3737	76	715	4528	1295	393	290	2766	4390	-283	-218	10678	2229	12907	1830	14737	49.92
6	3697	156	715	4568	1436	367	282	2766	4274	-283	-221	10706	2517	13223	1835	15058	49.82
7	3784	66	715	4565	1578	208	299	2873	3628	-268	-176	10102	3645	13747	1846	15593	49.96
8	3734	61	715	4510	1576	234	307	2741	3764	-268	-196	10195	3969	14164	1868	16032	49.95
9	3720	103	713	4536	1563	227	279	2786	3921	-312	-270	10256	4207	14463	2003	16466	49.87
10	3595	507	706	4808	1554	107	253	3202	4539	-630	-605	10656	4244	14900	2441	17341	49.80
11	3502	594	694	4790	1553	72	266	3189	4470	-630	-606	10568	4147	14715	2776	17491	49.86
12	3584	868	555	5007	1544	56	286	3197	4793	-630	-605	11094	4057	15151	2880	18031	49.67
13	3606	894	534	5034	1544	58	279	3197	5034	-630	-610	11379	3713	15092	2903	17995	49.73
14	3530	1038	530	5098	1531	59	276	3212	5127	-630	-609	11529	3506	15035	2837	17872	49.64
15	3560	1038	543	5141	1531	127	274	3235	4889	-630	-616	11393	3726	15119	2890	18009	49.66
16	3577	697	549	4823	1533	149	291	3196	4771	-630	-609	10978	4068	15046	2929	17975	49.78
17	3521	137	622	4280	1536	372	285	3264	5045	-630	-616	10925	4036	14961	2890	17851	49.82
18	3407	62	681	4150	1545	299	292	3318	4816	-630	-614	10497	3916	14413	2777	17190	49.96
19	3249	143	695	4087	1550	276	281	3176	4045	-452	-422	9817	4235	14052	2613	16665	50.03
20	3353	349	700	4402	1556	388	299	3319	4304	-452	-417	10566	4302	14868	2537	17405	49.80
21	3356	591	691	4638	1564	332	297	3231	4216	-452	-407	10676	3799	14475	2485	16960	49.72
22	3400	747	704	4851	1565	291	293	3258	4181	-452	-407	10807	3444	14251	2397	16648	49.66
23	3391	536	704	4631	1564	231	313	3233	4341	-500	-457	10657	2994	13651	2343	15994	49.64
24	3355	394	703	4452	1571	265	287	3032	4361	-500	-458	10512	2985	13497	2323	15820	49.78
MUs	85.73	9.60	16.03	111.36	35.73	6.28	6.93	73.51	106.23	-11.30	-10.36	256.60	83.23	339.83	57.62	397.45	49.82

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 09/Jun/2010

Position as on 6.30 Hrs of 10/Jun/2010

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)	30/12/2010
Chandrapur Unit 6	500	01/04/2010	01.15		Continued.	Annual Overhaul	16/06/2010
Chandrapur Unit 1	210	08/04/2010	08.36		Continued.	Annual Overhaul	30/06/2010
Dabhol 2B	230	15/04/2010	01.40		Continued.	Control System modification work	15/06/2010
Chandrapur Unit 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	15/06/2010
Chandrapur Unit 2	210	18/04/2010	21.38		Continued.	Clinker Formation.	30/06/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	30/06/2010
Cent_Sect NTPC(K-4)	500	09/05/2010	07.00		Continued.	Annual Overhaul	12/06/2010
Cent_Sect NTPC(V-4)	210	19/05/2010	17:09	09/06/2010	11.45	Annual O/H .	
Chandrapur Unit 3	210	26/05/2010	23.59		Continued.	Water Balancing Problem.	30/06/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Nasik Unit 4	210	05/06/2010	13.50		Continued.	ID Fan Problem	10/06/2010
Dabhol 1B	230	07/06/2010	23.28	09/06/2010	04.10	W/D For Attending Hot Air Leakage.	
Koradi Unit 4	115	08/06/2010	07.06	09/06/2010	14.45	Poor Bunkring.	09/06/2010
Nasik Unit 1	125	09/06/2010	03.11		Continued.	Boiler Tube Leakage.	13/06/2010
Cent_Sect NTPC(V-10)	500	09/06/2010	08.55	09/06/2010	21.47	Boiler Tube Leakage.	
Koradi Unit 2	105	09/06/2010	09.06		Continued.	Wind box red hot.	11/06/2010
Uran Unit 5	108	09/06/2010	11.15	09/06/2010	13.54	Gen.X'mer B Ph.burning clamp bolt replacement.	
Koradi Unit 4	115	09/06/2010	16.44		Continued.	Coal bunkering problem.	11/06/2010
Parli Unit 6	250	09/06/2010	17.24		Continued.	Boiler Tube Leakage.	12/06/2010
Cent_Sect sipat-5	500	09/06/2010	21.28		Continued.	Boiler Tube Leakage.	
Uran Unit 8	108	10/06/2010	00.47		Continued.	Filter replacement.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jun/2010

Position as on 6.30 Hrs of 10/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
MUDSHINGI-CHIKODI	09/06/2010	13.58	09/06/2010	17.56	Charged at Mudshingi end only.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	05/06/2010	15.51		Continued.	Due to line loading
Akola - Aurangabad - I	07/06/2010	17.04		Continued.	For Over Voltage.
Dhule-Sar'Sarovar - II	08/06/2010	12.16	09/06/2010	07.43	For Vover Voltage.
Dhule-Sar'Sarovar - I	09/06/2010	01.40	09/06/2010	12.20	H.T. For Over Voltage.
Dhule-Sar'Sarovar - I	09/06/2010	23.10		Continued.	H/T for over voltage.
Kolhapur-Mapusa Ckt I	10/06/2010	00.46		Continued.	H/T for over voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Talange - Chikodi	09/06/2010	21.20		Continued.	Distance protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of LN at Parli.	13/05/2010	07.58		Continued.	Overhauling of line reactor of Lonikand -I at Parli.
400/11.5 KV 90 MVA Station T/F-IV @ Chandrapur	29/05/2010	10.18		Continued.	Maintainance Work.
Chandrapur-parli - III	09/06/2010	07.29	09/06/2010	18.31	Insulator replacement work.
Karad-Kolhapur CKT I	09/06/2010	08.46	09/06/2010	17.55	Replacement of faulty disc insulator.
400/220 KV 500 MVA ICT-I at Jejuri	10/06/2010	00.16		Continued.	Premansoon maintenance work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV,100 MVA T/F-II @ Malegaon	08/04/2010	08.55		Continued.	ICT tobe replaced with new 200MVA ICT
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
220/132 KV, 100 MVA - ICT @ Bale.	03/06/2010	13.15		Continued.	Augumentation of ICT by 200MVA ICT
Parbhani-Pusad	09/06/2010	07.24	09/06/2010	18.15	Replacement of Insulator.
Kalwa - Ghatghar	09/06/2010	09.15	09/06/2010	18.30	Insulator replacement work.
Vita - Pandharpur	09/06/2010	10.00	09/06/2010	18.30	R.M.Work.
Uran-Kharghar-II	09/06/2010	10.20	09/06/2010	16.52	Insulator replacement.
M.B.-I at Solapur	09/06/2010	11.01	09/06/2010	14.10	Jumpering work of New ICT.
Borivali-Mulund	09/06/2010	11.12	09/06/2010	17.23	R.M.Work.
Karad-Vita-II	09/06/2010	11.25	09/06/2010	18.33	Errection of New LA.
Talangade-Mudshingi	09/06/2010	13.53	09/06/2010	17.42	Earth wire replacement work.
Chandrapur - Warora - II.	09/06/2010	14.22	09/06/2010	21.11	Attending hot spot.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV,315 MVA ICT-I at Parly.	29/05/2010	22.22		Continued.	ICT Charged with LV Side on TBC due to PDR Problem.
Own Breaker of Chandrapur - Parly - III	07/06/2010	22.07		Continued.	Hydrolic Pressure Problem of Own Breaker.Line on TBC @ Chandrapur.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Momewadi -Halkarni	07/06/2010	07.00		Continued.	Brekar Air Leakage Problem @ Halkarni.At 14.03 Hrs Charge from Mumewadi.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jun/2010

Position as on 6.30 Hrs of 10/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Bhusawal- Aurangabad	05/06/2010	17.35		Continued.	To control Waluj ICT Loading
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5/6.6 KV 70 MVA Stn.T/F 5B at 400KV Khaparkheda	25/04/2010	03.59		Continued.	B-Ph,HV bushing burst and caught fire.
400/220KV, 315MVA ICT-I @ New Koyna.	09/06/2010	16.26	09/06/2010	17.38	E/F LV side.
Jejuri-Koyna STG-IV	09/06/2010	17.08	09/06/2010	17.22	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil tank burst.
N.Koyna-Phinolex	09/06/2010	18.10		Continued.	Distance protection.
Padgha-Jambhul II	09/06/2010	18.21		Continued.	Distance protection.
Kharepatan-Pawas	09/06/2010	18.35		Continued.	Distance protection.
Jejuri-Phursungi	10/06/2010	00.40	10/06/2010	01.15	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
132/3.3 KV 6 MVA Stn T/F @ Paras	15/03/2010	16.16		Continued.	B Ph CT Burst.
132 KV Capaciter Bank @ Nanded	24/04/2010	21.45		Continued.	Capaciter Bank Breaker Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	0
Unit 3	105	70
Unit 4	105	0
Unit 5	200	125
Unit 6	210	110
Unit 7	210	125
	1040	495
Bhusawal		
Unit 1	58	25
Unit 2	210	180
Unit 3	210	185
	478	390
Parli		
Unit 1	30	22
Unit 2	30	22
Unit 3	210	180
Unit 4	210	185
Unit 5	210	170
Unit 6	250	0
Unit 7	250	0
	1190	579
Chandrapur		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	0
Unit 4	210	150
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	150
Paras		
Unit 2	55	24
Unit 3	250	245
Unit 4	250	0
	555	269
Khaparkheda		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	160
Unit 4	210	160
	840	630
Nasik		
Unit 1	120	0
Unit 2	120	90
Unit 3	210	180
Unit 4	210	0
Unit 5	210	200
	870	470
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	530

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	530
Hydro		
KDPH	40	0
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	7
GHATGHAR	250	0
	611	107
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1520
	960	1520
Tata		
Trombay 4	150	100
Trombay 5	500	400
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	3334
	3143	3334