



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Jul/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 05/Jul/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	83.613	394.209	1) Madhya Pradesh	62.111	283.484
2) Hydro	1.758	34.009	2) Gujrat	16.146	87.299
3) Gas	15.703	76.203	3) Goa	-5.289	-27.671
Total MSGENCO	101.074	504.421	4) TAPS 1&2 (Inj.)	7.318	35.531
B) OTHERS			5) Pench (Excess)	0.000	-0.064
1) RGPPL Gas	22.947	130.282	# Total Cent. Sector	80.286	378.579
2) Wind Generation	13.002	59.569	F) Other Exchanges		
3) CPP	4.843	23.725	1) With TPCL (Excess)	-5.199	-34.205
4) PENCH (MS)	0.000	0.064	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	-2.498	-13.177
1) TPCL Thermal	26.330	139.402	Include PX	2.159	10.602
2) TPCL Hydro	0.058	10.121	2) MUMBAI Bilateral	6.436	39.479
TOTAL TPCL	26.388	149.523	Include PX	0.517	11.970
3) REL Thermal	12.593	63.145	3) MUMBAI Schedule	6.436	39.479
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	122.536	596.756	1) MSEDCL	216.953	1062.435
2) Hydro (A2+B3+C2)	1.816	44.194	2) TPCL	28.870	160.607
3) Gas (A3+B1)	38.650	206.485	3) REL	15.307	86.263
4) Wind (B2)	13.002	59.569	TOTAL STATE	261.130	1309.305
5) CPP (B3)	4.843	23.725			
TOTAL STATE	180.847	930.729			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 22 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3576	3508	3304
MSGENCO Hydro	102	200	40
MSGENCO Gas	646	662	668
MSGENCO Total Generation	4324	4370	4012
Central Sector Receipt	3318	3829	3848
RGPPL	820	997	683
WIND	444	662	339
CPP	178	196	226
Exchange with TPCL	-303	-328	-34
MSEDCL DEMAND MET	8781	9726	9074
Load Shedding	1861	2071	0
MSEDCL DEMAND (INCL. LS)	10642	11797	9074
TPCL GENERATION	1199	1151	987
REL GENERATION	524	526	513
TPCL+REL DEMAND	2026	2005	1534
STATE DEMAND MET	10807	11731	10608
STATE DEMAND (INCL. LS)	12668	13802	10608
Frequency (Hz)	50.18	49.86	50.53
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2815 MW AT 22.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			47.43 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.72 Hz at 04.02 Hrs	49.51 Hz at 21.04 Hrs	50.11	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 05/Jul/2010

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	1.85	2.42	86	63	80
Unit 3	1.82	7.56	80	67	80
Unit 4	0.00	3.87	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	3.22	16.00	150	100	145
Unit 7	3.20	16.20	165	100	145
	10.09	46.05			450
Bhusawal					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.05	13.99	180	155	170
Unit 3	3.87	19.11	175	150	170
	7.92	33.10			340
Parli					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.02	5.32	11	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	2.58	11.60	123	92	110
Unit 6	4.34	20.81	221	132	200
Unit 7	4.67	13.47	253	0	
	11.61	51.21			310
Chandrapur					
Unit 1	2.77	14.94	128	104	150
Unit 2	2.84	14.21	129	103	120
Unit 3	0.00	0.00	0	0	0
Unit 4	4.20	20.00	190	128	190
Unit 5	0.00	0.00	0	0	0
Unit 6	6.58	13.35	310	177	300
Unit 7	0.00	0.00	0	0	0
	16.39	62.50			760
Paras					
Unit 2	0.00	0.00	0	0	
Unit 3	3.35	23.21	181	85	150
Unit 4	3.36	20.34	195	0	
	6.71	43.55			150
Khaparkheda					
Unit 1	3.76	18.30	190	115	180
Unit 2	3.60	18.63	162	126	180
Unit 3	3.88	19.66	167	157	180
Unit 4	3.92	19.40	173	155	180
	15.16	75.99			720
Nasik					
Unit 1	1.88	9.00	95	30	71
Unit 2	1.06	7.36	63	23	46
Unit 3	4.46	22.26	200	170	172
Unit 4	4.26	21.75	190	165	162
Unit 5	4.08	21.44	187	132	162
	15.73	81.81			613
Koyna					
Stage 1-2	1.11	10.48	120	35	600
Stage 4	0.00	9.70	0	0	250
Stage 3	0.17	5.85	134	0	320
	1.28	26.02			1170
Kovna 12&4 Total	1.11	20.18			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units	15.70	76.20	672	631	630	
	15.70	76.20			630	
Hydro						
KDPH	0.00	0.00	0	0	0	
VTRNA	0.00	0.00	0	0	0	
TILLARI	0.20	0.63	49	0	50	
BHTGR/VEER	0.00	0.04	0	0	0	
BHIRA T.R.	0.09	1.42	31	0	40	
RNGR+BHTSA	0.00	0.16	0	0	0	
BHANDARDRA	0.00	0.00	0	0	0	
ELDARY	0.00	0.00	0	0	0	
SMLHY PTN	0.05	0.28	8	0	9	
GHATGHAR	0.14	5.46	76	0	0	
	0.48	7.99			99	
PENCH (MS)						
Pench (MS)	0.00	0.06	0	0		
	0.00	0.06				
Wind						
MalharPeth	0.45	2.25				
Vankuswadi	1.30	6.01				
ATIT	0.23	0.89				
Kale	0.67	2.32				
Satara	0.53	7.28				
Shirala	0.53	1.96				
K Mahankal	2.23	4.03				
Supa	0.34	0.99				
Vita	3.42	13.11				
Dondaicha	1.21	11.08				
Sakri	0.26	1.98				
Nandurbar	0.02	1.51				
Khadakale	1.28	3.93				
Khaparale	0.53	2.25				
	13.00	59.57				
CPP						
TOTAL CPP	4.84	23.72				
	4.84	23.72				
Dabhol						
RGPPL	22.95	130.28	1319	680	1200	
	22.95	130.28			1200	
Tata						
Trombay 4	0.00	0.00	0	0	0	
Trombay 5	10.58	49.84	455	380	450	
Trombay 6	5.31	38.77	370	150	500	
Trombay 7A	2.86	13.29	121	117	120	
Trombay 7B	1.58	7.58	66	65	60	
Trombay 8	6.00	29.93	250	250	250	
TATA Hydro	0.06	10.12	10	0	447	
	26.39	149.52			1827	
REL						
1&2	12.59	63.14	530	513	500	
	12.59	63.14			500	
Cent Sect						
Share					3058	
					3058	
MS PG CL	Thermal	83.61	394.21		3343	
	Thml+Gas	99.32	470.41		3973	
	Hydro	1.76	34.01		1269	
	Total	101.07	504.42		5242	
State Total		180.85	930.73		11827	

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Jul/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	3123	50	665	3838	1238	348	236	2621	3845	-263	-224	9281	636	9917	1816	11733	50.10
2	3279	45	668	3992	977	372	225	2537	3543	-172	-131	8978	0	8978	1684	10662	50.27
3	3312	45	668	4025	976	372	227	2330	3498	-80	-37	9061	0	9061	1563	10624	50.41
4	3304	40	668	4012	683	339	226	2292	3848	-80	-34	9074	0	9074	1534	10608	50.53
5	3388	40	672	4100	681	304	223	2238	3927	-80	-34	9201	0	9201	1521	10722	50.35
6	3447	50	668	4165	680	277	213	2264	4074	-80	-35	9374	211	9585	1529	11114	50.14
7	3389	45	661	4095	700	316	208	2130	3977	-80	-37	9259	261	9520	1595	11115	50.28
8	3443	40	651	4134	712	381	185	2176	3715	-125	-82	9045	803	9848	1673	11521	50.18
9	3540	79	655	4274	737	366	190	2225	3498	-169	-125	8940	1387	10327	1840	12167	50.25
10	3576	102	646	4324	820	444	178	2506	3318	-340	-303	8781	1861	10642	2026	12668	50.18
11	3492	115	639	4246	1003	504	185	2536	2837	-340	-292	8483	1703	10186	2080	12266	50.08
12	3529	117	632	4278	1290	535	204	2541	2849	-340	-285	8871	1478	10349	2074	12423	49.99
13	3645	62	638	4345	1319	618	189	2434	2702	-340	-282	8891	1219	10110	2020	12130	50.08
14	3715	45	634	4394	1168	617	215	2402	2742	-340	-284	8852	1035	9887	1958	11845	50.04
15	3562	40	631	4233	989	754	214	2404	2999	-340	-283	8906	1215	10121	1936	12057	49.99
16	3470	40	646	4156	991	892	189	2425	2642	-340	-285	8585	1212	9797	1909	11706	50.09
17	3525	40	653	4218	993	943	194	2438	2694	-340	-284	8758	1189	9947	1859	11806	50.07
18	3516	40	658	4214	994	922	200	2455	2753	-340	-286	8797	977	9774	1842	11616	50.07
19	3527	58	657	4242	996	754	203	2635	3056	-386	-309	8942	1571	10513	1869	12382	49.93
20	3538	116	656	4310	997	689	176	2791	3393	-386	-332	9233	2375	11608	1988	13596	49.90
21	3551	201	655	4407	1000	589	195	2801	3577	-386	-331	9437	2305	11742	2054	13796	49.94
22	3508	200	662	4370	997	662	196	2801	3829	-386	-328	9726	2071	11797	2005	13802	49.86
23	3601	108	660	4369	1001	504	195	2731	3737	-353	-289	9517	1699	11216	1945	13161	49.91
24	3633	40	660	4333	1005	499	177	2672	3235	-353	-287	8962	1172	10134	1860	11994	50.04
MUs	83.61	1.76	15.70	101.07	22.95	13.00	4.84	59.38	80.29	-6.44	-5.20	216.95	26.38	243.33	44.18	287.51	50.11

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 05/Jul/2010

Position as on 6.30 Hrs of 06/Jul/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 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	08/07/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	08/07/2010
Chandrapur Unit 3	210	26/05/2010	23.59		Continued.	Water Balancing Problem.	08/07/2010
Koradi Unit 5	200	26/06/2010	02:33		Continued.	Annual overhaul	20/07/2010
Cent_Sect NTPC (K-2)	210	30/06/2010	23.46		Continued.	AOH	25/07/2010
Cent_Sect NTPC(V) 9	500	01/07/2010	00.04		Continued.	AOH	25/07/2010
Cent_Sect Kawas ST2C	116	01/07/2010	00.08		Continued.	AOH	25/07/2010
Parli Unit 4	210	05/07/2010	09.27		Continued.	Capital Overhaul	07/08/2010
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	
Paras Unit 2	55	13/06/2010	17.35		Continued.	For Scrapping.	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Tata Trombay 4	150	18/06/2010	01.40		Continued.	Low demand.	
Bhusawal Unit 1	58	18/06/2010	05:10		Continued.	For Scrapping.	
Parli Unit 2	30	18/06/2010	06:26		Continued.	For Scrapping.	
Parli Unit 1	30	18/06/2010	12:11		Continued.	For Scrapping.	
Dabhol 1B	230	18/06/2010	13.09		Continued.	Unit Differential.	10/07/2010
Dabhol 1A	230	18/06/2010	13.09		Continued.	Unit Differential.	10/07/2010
Dabhol 1X	290	18/06/2010	13.09		Continued.	Unit differential.	10/07/2010
Parli Unit 4	210	24/06/2010	23.18	05/07/2010	09.27	HPCV problem.	
Koradi Unit 1	105	28/06/2010	05.53		Continued.	Low Bunkering.	
Cent_Sect TARAPUR-4	540	28/06/2010	05.54		Continued.	System deficiency.	08/07/2010
Parli Unit 7	250	03/07/2010	08.55	05/07/2010	01.31	Fire in Coal Mill side	
Koradi Unit 4	115	04/07/2010	03.13	06/07/2010	02.43	Condensor Tube Leakage	
Parli Unit 3	210	04/07/2010	15.15	05/07/2010	08.15	Coal Mill Chockup	
Dabhol 3A	230	05/07/2010	00.35	05/07/2010	06.05	Exhaust Temp.High	
Parli Unit 7	250	05/07/2010	02.00	05/07/2010	03.39	Loss of Fuel	
Dabhol 3X	290	05/07/2010	02.50	05/07/2010	08.23	Tripped	
Dabhol 3B	230	05/07/2010	02.50	05/07/2010	09.56	Hand tripped	
Paras Unit 4	250	05/07/2010	05.41	05/07/2010	08:12	Flame failure.	05/07/2010
Parli Unit 3	210	05/07/2010	09.35		Continued.	M S Temperature Low.	07/07/2010

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 05/Jul/2010

Position as on 6.30 Hrs of 06/Jul/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Dabhol 3A	230	05/07/2010	13.22	06/07/2010	00.12	Exhauster Temp.High.	
Parli Unit 5	210	06/07/2010	01.23	06/07/2010	06.12	Turbine Protection.	
Koradi Unit 2	105	06/07/2010	03.50		Continued.	Tripped.	07/07/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jul/2010

Position as on 6.30 Hrs of 06/Jul/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa Ckt I	15/06/2010	22.36		Continued.	Over Voltage.
Akola - Wardha - II	16/06/2010	14.53		Continued.	Due to Line Loading.
Akola - Aurangabad - I	25/06/2010	14.10		Continued.	To control Aurangabad ICT loading
Dhule-Sar'Sarovar - I	26/06/2010	17.37		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	02/07/2010	22.19		Continued.	Over Voltage
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.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
Kandalgaon - Pophali	05/07/2010	08.25	05/07/2010	16.05	Maint.Work.
220/132KV,200MVA ICT-II at Amravati	05/07/2010	10.24		Continued.	Replacement of CT's & L A'S.
Dhamangaon - Rly TSS - I	05/07/2010	10.25	05/07/2010	13.16	Maint.Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
M.Bus-I at Kalmeshwar	30/06/2010	14.35		Continued.	Isolator alignment work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	19/06/2010	22.51		Continued.	Over Voltage
Karad-Kolhapur-II	02/07/2010	18.03		Continued.	Over Voltage
Koradi - Kaparkheda	02/07/2010	20.12		Continued.	Over Voltage
Chandrapur - Parli - II	03/07/2010	18.52	05/07/2010	03.19	Over Voltage
C'pur-Parli II	06/07/2010	01.20	06/07/2010	05.34	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Kolhapur-Karad-III	05/07/2010	19.52		Continued.	Due to Breaker Compressor Problem.
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.
Chandrapur-Khaparkheda	02/07/2010	20.11		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
Kalmeshwar-Ambazari	05/07/2010	05.59	05/07/2010	18.02	Distance Protection.
Warora-Wardha	05/07/2010	10.49	05/07/2010	11.53	Distance Protection.
220/66 KV, 50 MVA ICT-I At Warora	05/07/2010	17.50	05/07/2010	23:21	REF Protection Operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/Jul/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	70
Unit 4	105	50
Unit 5	200	0
Unit 6	210	130
Unit 7	210	150
	1040	400
Bhusawal		
Unit 1	58	0
Unit 2	210	180
Unit 3	210	170
	478	350
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
Unit 6	250	180
Unit 7	250	0
	1190	180
Chandrapur		
Unit 1	210	160
Unit 2	210	130
Unit 3	210	0
Unit 4	210	190
Unit 5	500	0
Unit 6	500	300
Unit 7	500	0
	2340	780
Paras		
Unit 2	55	0
Unit 3	250	100
Unit 4	250	0
	555	100
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	170
	840	650
Nasik		
Unit 1	120	80
Unit 2	120	55
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	675
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	650

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	650
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	50
BHTGR/VEER	21	0
BHIRA T.R.	80	30
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	80
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	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1250
	960	1250
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	3091
	3143	3091

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