



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Jul/2010

State Load Dispatch Center,Airoli (MSETCL)

Daily system Report for 02/Jul/2010 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	79.304	167.286	1) Madhya Pradesh	51.658	108.243
2) Hydro	6.451	17.473	2) Gujrat	13.857	27.588
3) Gas	15.276	29.197	3) Goa	-5.726	-11.748
Total MSGENCO	101.031	213.956	4)TAPS 1&2 (Inj.)	6.727	13.988
B) OTHERS			5)Pench (Excess)	-0.048	-0.064
1) RGPPL Gas	26.161	54.084	# Total Cent. Sector	66.468	138.007
2) Wind Generation	14.534	25.940	F) Other Exchanges		
3) CPP	5.209	8.352	1) With TPCL (Excess)	-8.199	-16.064
4) PENCH (MS)	0.048	0.064	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	-2.661	-4.537
1) TPCL Thermal	30.951	60.694	Include PX	2.131	5.047
2) TPCL Hydro	2.181	7.783	2) MUMBAI Bilateral	9.338	17.583
TOTAL TPCL	33.132	68.477	Include PX	3.312	5.135
3) REL Thermal	12.651	25.267	3) MUMBAI Schedule	9.338	17.583
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	122.906	253.247	1) MSEDCL	205.252	424.339
2) Hydro (A2+B3+C2)	8.680	25.320	2) TPCL	35.358	71.980
3) Gas (A3+B1)	41.437	83.281	3) REL	18.623	37.827
4) Wind (B2)	14.534	25.940	TOTAL STATE	259.233	534.146
5) CPP (B3)	5.209	8.352			
TOTAL STATE	192.766	396.140			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3168	3387	3274
MSGENCO Hydro	86	779	80
MSGENCO Gas	657	641	592
MSGENCO Total Generation	3911	4807	3946
Central Sector Receipt	2665	2896	2832
RGPPL	885	1210	1229
WIND	870	438	562
CPP	242	219	160
Exchange with TPCL	-528	-367	-73
MSEDCL DEMAND MET	8045	9211	8656
Load Shedding	3130	2986	1072
MSEDCL DEMAND (INCL. LS)	11175	12197	9728
TPCL GENERATION	1620	1617	1049
REL GENERATION	529	526	527
TPCL+REL DEMAND	2677	2510	1649
STATE DEMAND MET	10722	11721	10305
STATE DEMAND (INCL. LS)	13852	14707	11377
Frequency (Hz)	49.72	49.47	49.73
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3339 MW AT 10.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			62.20 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.24 Hz at 07.06 Hrs	48.9 Hz at 20.14 Hrs	49.7	.24 % 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 02/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	0.00	0.00	0	0	0
Unit 3	1.27	2.93	71	17	50
Unit 4	1.38	2.65	73	42	60
Unit 5	0.00	0.00	0	0	0
Unit 6	3.16	6.62	151	122	160
Unit 7	3.20	6.92	150	110	150
	9.02	19.12			420
Bhusawal					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.26	2.82	150	0	0
Unit 3	3.78	7.64	165	116	175
	5.04	10.46			175
Parli					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	1.62	5.10	120	29	150
Unit 4	0.00	0.00	0	0	0
Unit 5	1.79	4.51	106	0	120
Unit 6	3.39	8.06	197	87	250
Unit 7	2.96	7.80	248	0	
	9.77	25.46			520
Chandrapur					
Unit 1	3.54	6.93	163	124	160
Unit 2	3.25	6.16	151	97	160
Unit 3	0.00	0.00	0	0	0
Unit 4	4.22	7.99	188	145	190
Unit 5	0.00	0.00	0	0	0
Unit 6	2.79	6.66	230	0	200
Unit 7	0.00	0.00	0	0	0
	13.79	27.73			710
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	5.51	10.95	241	209	240
Unit 4	5.02	9.71	223	195	
	10.52	20.66			240
Khaparkheda					
Unit 1	2.88	6.70	180	60	160
Unit 2	3.77	7.63	168	131	160
Unit 3	3.90	7.87	165	155	160
Unit 4	3.78	7.48	170	146	160
	14.32	29.68			640
Nasik					
Unit 1	1.71	3.64	86	30	95
Unit 2	1.63	3.54	86	52	90
Unit 3	4.54	9.10	195	170	190
Unit 4	4.52	9.02	198	180	200
Unit 5	4.45	8.88	198	165	200
	16.85	34.18			775
Koyna					
Stage 1-2	1.94	5.06	330	30	520
Stage 4	1.83	5.16	455	0	250
Stage 3	1.00	3.00	238	0	320
	4.77	13.22			1090
Kovna 12&4 Total	3.77	10.22			770

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units	15.28	29.20	676	588	630	
	15.28	29.20			630	
Hydro						
KDPH	0.00	0.00	0	0	0	
VTRNA	0.00	0.00	0	0	0	
TILLARI	0.08	0.11	40	0	33	
BHTGR/VEER	0.00	0.00	0	0	0	
BHIRA T.R.	0.41	0.86	42	0	40	
RNGR+BHTSA	0.04	0.08	2	1	3	
BHANDARDRA	0.00	0.00	0	0	0	
ELDARY	0.00	0.00	0	0	0	
SMLHY PTN	0.05	0.10	8	0	7	
GHATGHAR	1.11	3.10	250	0	0	
	1.68	4.25			83	
PENCH (MS)						
Pench (MS)	0.05	0.06	23	0		
	0.05	0.06				
Wind						
MalharPeth	0.31	0.83				
Vankuswadi	0.89	2.22				
ATIT	0.11	0.30				
Kale	0.39	0.80				
Satara	1.71	2.19				
Shirala	0.28	0.59				
K Mahankal	0.06	1.69				
Supa	0.17	0.30				
Vita	2.68	4.27				
Dondaicha	5.04	8.02				
Sakri	0.78	1.36				
Nandurbar	0.72	1.14				
Khadakale	0.84	1.13				
Khaparale	0.56	1.12				
	14.53	25.94				
CPP						
TOTAL CPP	5.21	8.35				
	5.21	8.35				
Dabhol						
RGPPL	26.16	54.08	1231	882	1220	
	26.16	54.08			1220	
Tata						
Trombay 4	0.00	0.00	0	0	0	
Trombay 5	10.92	21.92	455	455	450	
Trombay 6	9.70	19.20	510	150	500	
Trombay 7A	2.79	4.72	121	94	120	
Trombay 7B	1.54	2.86	65	57	60	
Trombay 8	6.00	11.99	251	250	250	
TATA Hydro	2.18	7.78	301	0	447	
	33.13	68.48			1827	
REL						
1&2	12.65	25.27	530	524	500	
	12.65	25.27			500	
Cent Sect						
Share						
MS PG CL	Thermal	79.30	167.29		3480	
	Thml+Gas	94.58	196.48		4110	
	Hydro	6.45	17.47		1173	
	Total	101.03	213.96		5283	
State Total		192.77	396.14		11602	

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	3558	471	590	4619	1222	474	146	2564	2668	-351	-306	8823	1265	10088	2136	12224	49.81
2	3608	43	589	4240	1227	571	145	2471	2688	-260	-203	8668	1442	10110	1855	11965	49.84
3	3602	41	588	4231	1230	617	145	2378	2643	-169	-108	8758	1285	10043	1707	11750	49.93
4	3379	46	588	4013	1231	613	152	2341	2830	-131	-74	8765	1068	9833	1678	11511	49.92
5	3274	80	592	3946	1229	562	160	2341	2832	-131	-73	8656	1072	9728	1649	11377	49.73
6	3204	553	636	4393	918	513	174	2342	2987	-131	-67	8918	1345	10263	1633	11896	49.59
7	3159	97	672	3928	905	438	180	2298	2786	-131	-73	8164	2495	10659	1730	12389	49.84
8	3086	37	676	3799	907	471	206	2343	2724	-176	-136	7971	2505	10476	1825	12301	49.94
9	3135	74	668	3877	887	648	211	2427	2913	-258	-229	8307	2695	11002	2030	13032	49.73
10	3107	82	664	3853	886	601	212	2700	2896	-512	-495	7953	3057	11010	2409	13419	49.68
11	3168	86	657	3911	885	870	242	2744	2665	-558	-528	8045	3130	11175	2677	13852	49.72
12	3210	133	644	3987	883	727	253	2745	2757	-558	-536	8071	2983	11054	2767	13821	49.58
13	3272	132	641	4045	882	669	251	2734	2615	-558	-517	7945	2688	10633	2720	13353	49.55
14	3273	177	641	4091	921	685	250	2736	2980	-558	-523	8404	2541	10945	2612	13557	49.64
15	3268	102	640	4010	1055	849	255	2735	2315	-558	-524	7960	2706	10666	2645	13311	49.61
16	3284	52	638	3974	1195	765	237	2736	2152	-558	-521	7802	3035	10837	2636	13473	49.64
17	3367	37	652	4056	1204	741	209	2784	2434	-603	-571	8073	3060	11133	2628	13761	49.60
18	3419	42	644	4105	1205	736	284	2768	2629	-565	-526	8433	2981	11414	2574	13988	49.72
19	3437	74	641	4152	1214	670	265	2856	3304	-550	-508	9097	3004	12101	2535	14636	49.82
20	3387	779	641	4807	1210	438	219	2818	2896	-412	-367	9211	2986	12197	2510	14707	49.47
21	3307	1086	640	5033	1209	368	260	2820	3048	-412	-336	9605	2653	12258	2437	14695	49.59
22	3334	1079	638	5051	1230	509	253	2822	2809	-412	-337	9532	2442	11974	2284	14258	49.58
23	3261	893	652	4806	1212	541	253	2745	3059	-393	-321	9550	1712	11262	2207	13469	49.68
24	3205	255	644	4104	1214	458	247	2683	2838	-393	-320	8541	1694	10235	2098	12333	49.69
MUs	79.30	6.45	15.28	101.03	26.16	14.53	5.21	62.93	66.47	-9.34	-8.20	205.25	55.84	261.10	53.98	315.08	49.70

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 02/Jul/2010

Position as on 6.30 Hrs of 03/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
Chandrapur Unit 6	500	02/07/2010	13:32		Continued.	Water shortage problem	23/07/2010
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		Continued.	HPCV problem.	05/07/2010
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
Koradi Unit 2	105	30/06/2010	20.16		Continued.	Boiler Tube Leakage.	03/07/2010
Bhusawal Unit 2	210	01/07/2010	12.40	02/07/2010	14:07	Clinker Formation.	
Parli Unit 7	250	02/07/2010	02.58	02/07/2010	10.04	FD Fan problem	
Dabhol 3A	230	02/07/2010	04.54	02/07/2010	12.42	Exhaust Temp High.	
Parli Unit 5	210	02/07/2010	06:58	02/07/2010	10.35	Drum level low.	
Parli Unit 7	250	02/07/2010	10.13	02/07/2010	11.53	Flame Failure	
Parli Unit 3	210	03/07/2010	05.06		Continued.	Coal Mill Problem	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2010

Position as on 6.30 Hrs of 03/Jul/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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.
Dhule-Sar'Sarovar - II	24/06/2010	16.17	02/07/2010	17.21	Over Voltage.
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
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	02/07/2010	14.48	02/07/2010	15.28	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.	Maintenance Work.
Bus coupler at Koradi	26/06/2010	11.10		Continued.	Breaker Repl.Work of CT Repl.Removal of Cable Wiring.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
220/100KV,125MVA ICT-IV at Kalwa	02/07/2010	08.25	02/07/2010	16.08	Replacement of LA
Pophali-KDPH	02/07/2010	08.35	02/07/2010	15.30	Jumper replacement work
Temghar-Colourchem	02/07/2010	08.45	02/07/2010	18.20	Replacement of Insulator
Khaparkheda - Kanhan - II	02/07/2010	09.00		Continued.	CT Replacement
C'pur-Sicom-II	02/07/2010	10.33	02/07/2010	18.06	Testing work
Aurangabad-Padegaon CKT-II	02/07/2010	10.40	02/07/2010	13.42	Q.M.Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
M.Bus-I at Kalmeshwar	30/06/2010	14.35		Continued.	Isolator alignment work.
Boiser - Viraj	02/07/2010	09.35	02/07/2010	15.52	Jumper Replacement work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT II AT CHAKAN	12/06/2010	13:04		Continued.	'R' Phase Unit Replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	19/06/2010	22.51		Continued.	Over Voltage
Karad-Lonikhand	01/07/2010	21.00	02/07/2010	14.20	H/T For O/V.
Karad-Kolhapur CKT I	01/07/2010	21.59	02/07/2010	08.29	H/T For O/V.
C'pur-Parli II	02/07/2010	00.37	02/07/2010	08.12	H/T For O/V.
Karad-Kolhapur-II	02/07/2010	18.03		Continued.	Over Voltage
Koradi - Kaparkheda	02/07/2010	20.12		Continued.	Over Voltage
C'pur-Parli II	02/07/2010	21.39		Continued.	Over Voltage
Karad-New Koyana II	03/07/2010	00.24		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5/6.6 KV 70 MVA Strn.T/F 5B at 400KV	25/04/2010	03.59		Continued.	B-Ph,HV Bushing Burst and Caught Fire.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2010

Position as on 6.30 Hrs of 03/Jul/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khaparkheda					
Karad-Solapur(Lamboti)	01/07/2010	21.56	02/07/2010	08.30	Trip due to O/V.
Parli - Lamboti	02/07/2010	00.10	02/07/2010	07.57	Trip on O/V.
Chandrapur-Khaparkheda	02/07/2010	20.11		Continued.	Over Voltage
440/220 kV,315 MVA ICT at Bhusawal II s/s	02/07/2010	22.45	03/07/2010	01.10	Trip due to NDR Operation
Koyna IV - Jejuri	03/07/2010	00.40		Continued.	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.
Parly - New Parly TPS - II	02/07/2010	00.41	02/07/2010	01.20	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/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	52
Unit 5	200	0
Unit 6	210	140
Unit 7	210	130
	1040	392
Bhusawal		
Unit 1	58	0
Unit 2	210	160
Unit 3	210	160
	478	320
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	0
Unit 4	210	0
Unit 5	210	110
Unit 6	250	130
Unit 7	250	
	1190	240
Chandrapur		
Unit 1	210	160
Unit 2	210	120
Unit 3	210	0
Unit 4	210	170
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	450
Paras		
Unit 2	55	0
Unit 3	250	240
Unit 4	250	
	555	240
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	160
	840	640
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	870	750
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	2
GHATGHAR	250	0
	611	102
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	1220
	960	1220
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2833
	3143	2833