



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Jul/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Jul/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	74.357	630.859	1) Madhya Pradesh	57.768	477.042
2) Hydro	6.593	46.666	2) Gujrat	18.952	136.397
3) Gas	15.816	123.768	3) Goa	-5.907	-45.207
Total MSGENCO	96.766	801.293	4) TAPS 1&2 (Inj.)	7.884	58.138
B) OTHERS			5) Pench (Excess)	0.000	-0.064
1) RGPPL Gas	31.717	219.384	# Total Cent. Sector	78.697	626.306
2) Wind Generation	10.561	94.427	F) Other Exchanges		
3) CPP	5.094	38.440	1) With TPCL (Excess)	-10.223	-62.872
4) PENCH (MS)	0.000	0.064	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	-2.259	-19.739
1) TPCL Thermal	24.264	218.148	Include PX	2.398	18.010
2) TPCL Hydro	3.534	19.049	2) MUMBAI Bilateral	11.300	71.590
TOTAL TPCL	27.798	237.197	Include PX	4.065	22.444
3) REL Thermal	12.628	101.065	3) MUMBAI Schedule	11.300	71.590
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	111.249	950.072	1) MSEDCL	212.612	1717.042
2) Hydro (A2+B3+C2)	10.127	65.779	2) TPCL	33.071	261.197
3) Gas (A3+B1)	47.533	343.152	3) REL	17.576	139.928
4) Wind (B2)	10.561	94.427	TOTAL STATE	263.259	2118.167
5) CPP (B3)	5.094	38.440			
TOTAL STATE	184.564	1491.870			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3122	3119	2947
MSGENCO Hydro	163	1428	40
MSGENCO Gas	668	646	676
MSGENCO Total Generation	3953	5193	3663
Central Sector Receipt	3201	3374	3567
RGPPL	1325	1315	1326
WIND	314	525	253
CPP	216	239	230
Exchange with TPCL	-611	-521	-124
MSEDCL DEMAND MET	8398	10125	8915
Load Shedding	2756	2538	691
MSEDCL DEMAND (INCL. LS)	11154	12663	9606
TPCL GENERATION	1418	1342	797
REL GENERATION	528	527	529
TPCL+REL DEMAND	2557	2390	1450
STATE DEMAND MET	10955	12515	10365
STATE DEMAND (INCL. LS)	13711	15053	11056
Frequency (Hz)	49.81	49.67	49.92
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3133 MW AT 09.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			64.28 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.23 Hz at 18.31 Hrs	49.32 Hz at 19.11 Hrs	49.83	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 08/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	1.37	5.04	78	29	35
Unit 3	1.44	12.08	87	40	50
Unit 4	0.00	4.30	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	3.24	24.90	180	100	120
Unit 7	3.22	25.69	165	110	130
	9.28	72.00			335
Bhusawal					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.97	25.91	175	150	170
Unit 3	3.80	30.72	175	145	170
	7.77	56.62			340
Parli					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.32	8.34	77	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	2.63	18.43	117	100	110
Unit 6	4.78	35.22	226	109	180
Unit 7	0.00	16.62	0	0	
	7.73	78.61			290
Chandrapur					
Unit 1	2.26	22.70	124	55	120
Unit 2	1.61	20.81	94	0	70
Unit 3	0.00	0.00	0	0	0
Unit 4	3.79	31.52	178	123	160
Unit 5	0.00	0.00	0	0	0
Unit 6	6.89	35.36	365	204	300
Unit 7	0.00	0.00	0	0	0
	14.55	110.38			650
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.31	32.61	163	90	150
Unit 4	1.80	28.76	96	0	0
	5.11	61.37			150
Khaparkheda					
Unit 1	3.94	30.50	205	95	170
Unit 2	3.85	30.26	180	143	170
Unit 3	3.93	31.74	191	127	170
Unit 4	3.68	31.11	170	125	170
	15.40	123.60			680
Nasik					
Unit 1	0.75	13.37	91	0	0
Unit 2	1.70	12.25	95	59	71
Unit 3	3.96	34.66	175	135	162
Unit 4	4.04	34.06	189	145	162
Unit 5	4.06	33.94	180	155	162
	14.52	128.27			557
Koyna					
Stage 1-2	1.82	14.75	395	40	600
Stage 4	0.84	11.24	438	0	250
Stage 3	1.71	8.75	318	0	320
	4.37	34.74			1170
Kovna 12&4 Total	2.65	25.99			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.82	123.77	679	630	630
		15.82	123.77			630
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.16	0.16	61	0	0
TILLARI		0.29	1.46	60	0	60
BHTGR/VEER		0.00	0.04	0	0	0
BHIRA T.R.		0.33	2.11	41	0	40
RNGR+BHTSA		0.00	0.18	0	0	2
BHANDARDRA		0.06	0.06	25	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.07	0.39	9	0	0
GHATGHAR		1.32	7.52	250	0	0
		2.22	11.92			102
PENCH (MS)						
Pench (MS)		0.00	0.06	0	0	
		0.00	0.06			
Wind						
MalharPeth		0.31	3.67			
Vankuswadi		1.03	10.02			
ATIT		0.14	1.49			
Kale		0.24	3.74			
Satara		1.53	9.87			
Shirala		0.22	3.00			
K Mahankal		0.02	7.79			
Supa		0.22	1.69			
Vita		1.47	19.30			
Dondaicha		2.73	17.38			
Sakri		0.64	3.55			
Nandurbar		0.31	2.12			
Khadakale		1.16	7.00			
Khaparale		0.54	3.81			
		10.56	94.43			
CPP						
TOTAL CPP		5.09	38.44			
		5.09	38.44			
Dabhol						
RGPPL		31.72	219.38	1332	1309	1250
		31.72	219.38			1250
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		9.82	80.54	500	260	500
Trombay 6		5.20	56.68	290	150	500
Trombay 7A		2.87	21.89	122	118	120
Trombay 7B		1.59	12.31	67	66	60
Trombay 8		4.79	46.72	208	190	250
TATA Hydro		3.53	19.05	330	0	447
		27.80	237.20			1877
REL						
1&2		12.63	101.06	529	508	500
		12.63	101.06			500
Cent Sect						
Share						2985
						2985
MS PG CL	Thermal	74.36	630.86			3002
	Thml+Gas	90.17	754.63			3632
	Hydro	6.59	46.67			1272
	Total	96.77	801.29			4904
State Total		184.56	1491.87			11516

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	3043	196	667	3906	1319	213	236	2706	3542	-345	-305	8911	1152	10063	1735	11798	49.91
2	2931	40	679	3650	1322	261	232	2601	3721	-242	-213	8973	1150	10123	1607	11730	50.02
3	2859	60	677	3596	1325	240	232	2554	3859	-198	-157	9095	995	10090	1493	11583	49.99
4	2894	40	677	3611	1322	229	230	2532	3740	-175	-138	8994	695	9689	1463	11152	50.04
5	2947	40	676	3663	1326	253	230	2509	3567	-153	-124	8915	691	9606	1450	11056	49.92
6	3059	65	679	3803	1315	248	231	2522	3475	-175	-146	8926	1128	10054	1523	11577	49.80
7	3081	60	677	3818	1327	204	206	2384	2892	-198	-160	8287	2221	10508	1589	12097	49.99
8	3143	50	675	3868	1332	298	172	2444	2696	-265	-235	8131	2578	10709	1757	12466	49.95
9	3084	127	672	3883	1331	268	217	2535	2704	-345	-312	8091	2758	10849	2000	12849	49.96
10	3190	152	671	4013	1325	274	206	2794	2903	-460	-425	8296	2754	11050	2299	13349	49.84
11	3122	163	668	3953	1325	314	216	3137	3201	-665	-611	8398	2756	11154	2557	13711	49.81
12	3081	149	671	3901	1320	308	206	3159	3092	-688	-631	8196	2687	10883	2596	13479	49.65
13	3154	129	660	3943	1327	439	190	3151	3114	-688	-629	8384	2420	10804	2592	13396	49.80
14	3161	45	642	3848	1328	655	202	3150	3187	-688	-632	8588	2204	10792	2485	13277	49.78
15	3138	50	653	3841	1322	737	211	3053	3260	-688	-642	8729	2384	11113	2507	13620	49.68
16	3045	101	640	3786	1322	675	212	2968	2900	-665	-627	8268	2620	10888	2517	13405	49.90
17	3143	130	630	3903	1316	703	179	2980	3165	-665	-611	8655	2572	11227	2520	13747	49.83
18	3126	189	635	3950	1315	855	234	2987	3336	-641	-596	9094	2325	11419	2473	13892	49.85
19	3106	538	633	4277	1315	720	209	3019	3307	-596	-547	9281	2479	11760	2376	14136	49.87
20	3124	799	634	4557	1309	637	190	3132	3337	-643	-584	9446	2975	12421	2397	14818	49.58
21	3119	1428	646	5193	1315	525	239	3063	3374	-573	-521	10125	2538	12663	2390	15053	49.67
22	3269	1273	648	5190	1315	554	187	3068	3275	-573	-520	10001	2256	12257	2232	14489	49.59
23	3296	627	654	4577	1319	468	215	2966	3678	-486	-429	9828	1735	11563	2113	13676	49.71
24	3245	142	652	4039	1325	483	212	2898	3372	-486	-428	9003	1687	10690	1978	12668	49.89
MUs	74.36	6.59	15.82	96.77	31.72	10.56	5.09	68.31	78.70	-11.30	-10.22	212.62	49.76	262.38	50.65	313.02	49.83

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 08/Jul/2010

Position as on 6.30 Hrs of 09/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.	08/08/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	09/07/2010
Chandrapur Unit 3	210	26/05/2010	23.59		Continued.	Water Balancing Problem.	08/08/2010
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.	Annual Overhaul.	25/07/2010
Cent_Sect NTPC(V) 9	500	01/07/2010	00.04		Continued.	Annual Overhaul.	25/07/2010
Cent_Sect Kawas ST2C	116	01/07/2010	00.08		Continued.	Annual Overhaul.	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
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.	12/07/2010
Koradi Unit 4	115	06/07/2010	10.03		Continued.	Boiler Tube Leakage.	09/07/2010
Parli Unit 7	250	06/07/2010	23.03		Continued.	Generator Protection Operated.	
Nasik Unit 1	125	07/07/2010	20.20	08/07/2010	14.25	Ash Exavation problem.	
Chandrapur Unit 2	210	08/07/2010	01.40	08/07/2010	04.24	Drum level low.	
Parli Unit 3	210	08/07/2010	03.05	08/07/2010	20.13	Coal feeder chock up.	
Paras Unit 4	250	08/07/2010	19.34	08/07/2010	21.35	Furnace Pressure Low.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jul/2010

Position as on 6.30 Hrs of 09/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		
Akola - Aurangabad - I	25/06/2010	14.10		Continued.	To control Aurangabad ICT loading
Dhule-Sar'Sarovar - I	26/06/2010	17.37	08/07/2010	11.53	Over Voltage
Dhule-Sar'Sarovar - II	02/07/2010	22.19		Continued.	Over Voltage
Akola - Wardha - I	07/07/2010	11.00		Continued.	Changeover.
Kolhapur-Mapusa-II	07/07/2010	22.22		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	08/07/2010	23.28		Continued.	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	07/07/2010	00.20	08/07/2010	10.57	Main & Tie Breaker Trip.
Koradi-Satpur	08/07/2010	01.24	08/07/2010	01.33	Trip from Satpur end on PDR.
Voltage Level : 220KV			Outage Type TRIPPED		
Kalmeshwar - Pandurna	07/07/2010	16.15	08/07/2010	17.42	Tripped on PDR,Trial failed at 16.59 Hrs.
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.
400/220 KV 500 MVA ICT-I at Jejuri	08/07/2010	00.38	08/07/2010	06.42	Installation of 33KV 3 Nos.of PT's and testing work.
400/220 KV,315 MVA ICT-II at Lonikand	08/07/2010	07.57	08/07/2010	19.49	Replacement of LV side R-ph,LA.
400/220 KV, 500 MVA ICT - II at Jejuri	08/07/2010	11.12	08/07/2010	16.30	Installation of 33KV PT & testing work.
Bus Coupler at 400 KV Kolhapur	08/07/2010	11.57		Continued.	To attend Hot Spot.
Main Bus - I @ 400 KV Jejuri	08/07/2010	16.41	08/07/2010	17.31	Testing of spare ICT and commissioning work.
Kalwa - Lonikand	08/07/2010	18.15		Continued.	Retrofitting of Relay.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
220/132KV,200MVA ICT-II at Amravati	05/07/2010	10.24		Continued.	Replacement of CT's & L A'S.
Parli-Usmanabad	06/07/2010	12.22		Continued.	CKT on TBC for main BKR Repl.work.
Washala-Ghatghar	08/07/2010	09.00	08/07/2010	19.12	Line maint.& R.M.Work
220/132 KV 100 MVA ICT-II @ Parbhani	08/07/2010	10.02	08/07/2010	18.44	Oil Regeneration work.
Theur - Magarpatta	08/07/2010	10.14	08/07/2010	16.08	Q.M.Work.
Jindal - Ghatghar	08/07/2010	10.35	08/07/2010	17.22	Jumper crimping & Q.M.Work.
Babaleshwar - Alephata	08/07/2010	11.35	08/07/2010	17.51	Replacement of faulty insulator.
Kandalgaon-Khargar	08/07/2010	13.30	08/07/2010	18.06	Testing work.
Jejuri-Jejuri I	08/07/2010	19.31	08/07/2010	14.38	Q.M.Work.
Voltage Level : 500KV			Outage Type HAND TRIPPED		
HVDC POLE I -CHDPR	08/07/2010	21.05	08/07/2010	01.46	Due to problem in tap changer of Y-ph convertor X'mer.Ready for Charging.
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

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jul/2010

Position as on 6.30 Hrs of 09/Jul/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Koradi - Kaparkheda	02/07/2010	20.12		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Kolhapur - Karad - II	05/07/2010	19.52		Continued.	Due to Breaker Compressor Problem.
Dhamangaon - Badnera	08/07/2010	19.35	08/07/2010	20.25	Due to heavy sparking on R-Ph line isolator.
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
Parli-Solapur	08/07/2010	23.42		Continued.	Tripped on O/V.
Karad-Solapur(Lamboti)	08/07/2010	23.42		Continued.	Tripped on O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
Voltage Level : 132KV			Outage Type TRIPPED		
Narsi-Degloor	08/07/2010	01.35	08/07/2010	14.10	Under B/Dn,LBT 2.8 Mw.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Jul/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	0
Unit 6	210	150
Unit 7	210	140
	1040	430
Bhusawal		
Unit 1	58	0
Unit 2	210	170
Unit 3	210	170
	478	340
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	115
Unit 4	210	0
Unit 5	210	110
Unit 6	250	180
Unit 7	250	
	1190	405
Chandrapur		
Unit 1	210	100
Unit 2	210	65
Unit 3	210	0
Unit 4	210	110
Unit 5	500	0
Unit 6	500	300
Unit 7	500	0
	2340	575
Paras		
Unit 2	55	0
Unit 3	250	150
Unit 4	250	0
	555	150
Khaparkheda		
Unit 1	210	180
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	690
Nasik		
Unit 1	120	90
Unit 2	120	80
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	710
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	25
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	185
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	3043
	3143	3043

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