



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Feb/2010

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.096	979.299	1) Madhya Pradesh	71.447	496.356
2) Hydro	5.903	60.906	2) Gujrat	19.726	205.219
3) Gas	11.914	95.405	3) Goa	-6.305	-49.479
Total MSGENCO	143.913	1135.610	4) TAPS 1&2 (Inj.)	7.347	54.539
B) OTHERS			5) Pench (Excess)	-0.317	-2.024
1) RGPPL Gas	30.536	241.859	# Total Cent. Sector	91.898	704.611
2) Wind Generation	1.116	16.288	F) Other Exchanges		
3) PENCH (MS)	0.317	2.024	1) With TPCL	-3.682	-38.295
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.032	180.821	1) MSEDCL Bilateral	5.925	47.051
2) TPCL Hydro	5.579	42.894	Include PX	0.000	1.247
TOTAL TPCL	31.611	223.715	2) MUMBAI Bilateral	3.991	36.882
3) REL Thermal	12.664	100.628	Include PX	2.457	24.593
D) STATE			3) MUMBAI Schedule	3.991	41.925
1) Thermal (A1+C1+C3)	164.792	1260.748	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.799	105.824	1) MSEDCL	264.098	2062.097
3) Gas (A3+B1)	42.450	337.264	2) TPCL	31.428	236.983
4) Wind (B2)	1.116	16.288	3) REL	16.530	125.552
TOTAL STATE	220.157	1720.124	TOTAL STATE	312.056	2424.632

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5320	5115	5272
MSGENCO Hydro	421	461	146
MSGENCO Gas	478	500	498
MSGENCO Total Generation	6219	6076	5916
Central Sector Receipt	4307	4642	2850
RGPPL	1258	1272	1282
WIND	25	69	33
Exchange with TPCL	-239	-280	-28
MSEDCL DEMAND MET	11617	11806	10053
Load Shedding	3772	3819	0
MSEDCL DEMAND (INCL. LS)	15389	15625	10053
TPCL GENERATION	1706	1626	793
REL GENERATION	525	527	530
TPCL+REL DEMAND	2470	2433	1351
STATE DEMAND MET	14087	14239	11404
STATE DEMAND (INCL. LS)	17859	18058	11404
Frequency (Hz)	49.70	50.15	50.02
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4616 MW At 10.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			82.21 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.57 Hz at 22.50 Hrs	49.38 Hz at 10.21 Hrs	49.99	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 08/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.86	15.68	86	40	80
Unit 2	1.58	10.64	77	59	60
Unit 3	0.00	0.00	0	0	0
Unit 4	1.90	6.16	90	69	75
Unit 5	3.84	27.37	175	143	150
Unit 6	3.88	30.04	177	110	160
Unit 7	4.46	34.34	207	144	170
	17.53	124.24			695
Bhusawal					
Unit 1	1.17	8.42	50	45	50
Unit 2	4.56	35.80	198	180	195
Unit 3	4.51	36.66	195	175	195
	10.24	80.88			440
Parli					
Unit 1	0.59	4.50	26	22	23
Unit 2	0.56	4.31	24	22	23
Unit 3	3.62	30.41	170	135	160
Unit 4	4.23	31.54	208	160	200
Unit 5	0.00	0.00	0	0	0
Unit 6	6.02	49.54	253	249	225
	15.01	120.30			631
Chandrapur					
Unit 1	3.49	28.00	148	140	150
Unit 2	3.79	30.73	162	154	160
Unit 3	4.44	33.94	196	165	210
Unit 4	4.60	36.00	198	177	210
Unit 5	10.50	78.76	450	423	450
Unit 6	9.73	71.74	435	380	450
Unit 7	10.78	82.04	460	432	450
	47.32	361.20			2080
Paras					
Unit 2	1.08	8.75	47	43	46
Unit 3	4.66	34.92	212	124	210
	5.74	43.67			256
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.53	36.56	197	179	190
Unit 3	4.36	38.84	200	175	175
Unit 4	3.64	38.66	214	0	200
	12.53	114.07			565
Nasik					
Unit 1	2.32	12.71	99	92	95
Unit 2	0.79	15.31	89	0	65
Unit 3	5.00	31.36	214	203	205
Unit 4	4.78	37.72	204	195	200
Unit 5	4.83	37.85	207	194	200
	17.73	134.95			765
Uran					
All Units	11.91	95.40	538	477	490
	11.91	95.40			490
Koyna					
Stage 1-2	1.01	12.20	85	30	600
Stage 4	0.00	10.90	0	0	250
Kovna 12&4 Total	1.01	23.10			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.22	4.64	80	0	240
	1.23	27.74			1090
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	3.64	0	0	0
TILLARI	0.37	2.89	61	0	60
BHTGR/VEER	1.92	13.29	80	80	60
BHIRA T.R.	0.28	2.22	80	0	72
RNGR+BHTSA	0.29	2.33	12	12	11
BHANDARDRA	0.52	0.65	28	14	15
ELDARY	0.00	1.27	0	0	15
PAITHAN	0.05	0.44	9	0	10
GHATGHAR	1.24	6.43	125	0	0
	4.67	33.17			243
PENCH (MS)					
Pench (MS)	0.32	2.02	47	0	
	0.32	2.02			
Wind					
MalharPeth	0.07	0.71			
Vankuswadi	0.23	2.02			
ATIT	0.07	0.79			
Kale	0.07	0.56			
Satara	0.08	0.74			
Shirala	0.04	0.63			
K Mahankal	0.01	0.30			
Supa	0.08	0.48			
Vita	0.13	3.57			
Dondaicha	0.19	3.97			
Sakri	0.02	0.70			
Nandurbar	0.03	0.43			
Khadakale	0.08	0.78			
Khaparale	0.02	0.61			
	1.12	16.29			
Dabhol					
RGPP L II	30.54	241.86	1289	1258	1205
RGPP L III	0.00	0.00	0	0	
	30.54	241.86			1205
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	6.10	15.30	308	180	500
Trombay 6	10.40	90.60	510	230	500
Trombay 7A	2.76	19.69	125	88	120
Trombay 7B	1.58	11.98	68	58	60
Trombay 8	5.20	43.24	250	150	250
TATA Hydro	5.58	42.89	481	0	447
	31.61	223.72			1877
REL					
1&2	12.66	100.63	531	524	500
	12.66	100.63			500
Cent Sect					
Share					3198
					3198

MS PG CL	Thermal	126.10	979.30		5432
	Thml+Gas	138.01	1074.70		5922
	Hydro	5.90	60.91		1333
	Total	143.91	1135.61		7255
State Total		220.16	1720.12		14035

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Feb/2010

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	5250	146	498	5894	1280	86	2921	2789	-38	-31	10031	1019	11050	1553	12603	50.05
2	5275	146	500	5921	1277	59	2750	2759	-38	-29	9987	0	9987	1431	11418	49.91
3	5272	146	498	5916	1282	33	2654	2850	-38	-28	10053	0	10053	1351	11404	50.02
4	5276	151	498	5925	1289	32	2654	2900	-38	-30	10116	124	10240	1332	11572	50.22
5	5305	152	500	5957	1284	21	2724	2948	-38	-28	10192	1426	11618	1329	12947	49.97
6	5309	160	500	5969	1275	18	2772	3368	-38	-27	10623	2221	12844	1378	14222	49.81
7	5311	175	498	5984	1278	21	3015	3114	52	63	10480	3216	13696	1507	15203	49.92
8	5333	155	498	5986	1284	32	3013	3493	52	65	10880	3559	14439	1661	16100	49.82
9	5342	170	499	6011	1284	30	3008	3471	47	62	10858	3879	14737	1894	16631	49.95
10	5355	285	498	6138	1266	32	3287	3862	-241	-220	11098	3996	15094	2215	17309	49.62
11	5318	435	495	6248	1260	30	3262	4059	-241	-222	11395	3643	15038	2447	17485	49.61
12	5320	421	478	6219	1258	25	3322	4307	-295	-239	11617	3772	15389	2470	17859	49.70
13	5212	275	478	5965	1262	19	3321	4336	-295	-287	11315	3699	15014	2483	17497	49.88
14	5260	280	477	6017	1264	24	3340	4264	-295	-286	11303	3656	14959	2378	17337	49.93
15	5327	280	478	6085	1262	32	3338	4167	-295	-279	11294	3749	15043	2428	17471	49.99
16	5326	280	487	6093	1260	34	3317	4130	-295	-294	11236	3565	14801	2410	17211	49.99
17	5319	280	490	6089	1261	44	3319	4428	-295	-293	11529	3565	15094	2398	17492	49.99
18	5247	283	491	6021	1263	66	3367	4742	-295	-283	11809	3171	14980	2343	17323	49.96
19	5149	460	500	6109	1269	74	3127	4526	-285	-276	11729	3668	15397	2420	17817	50.13
20	5115	461	500	6076	1272	69	3148	4642	-277	-280	11806	3819	15625	2433	18058	50.15
21	5151	299	499	5949	1275	83	3051	4640	-183	-176	11784	3558	15342	2261	17603	50.18
22	5138	166	498	5802	1275	90	3064	4150	-198	-139	11178	3581	14759	2146	16905	50.31
23	5114	146	518	5778	1276	77	2898	4039	-236	-237	10933	3315	14248	1881	16129	50.25
24	5072	151	538	5761	1280	85	2889	3914	-191	-188	10852	1748	12600	1808	14408	50.33
MUs	126.10	5.90	11.91	143.91	30.54	1.12	73.56	91.90	-3.99	-3.68	264.10	67.95	332.05	47.96	380.00	49.99

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 08/Feb/2010

Position as on 6.30 Hrs of 09/Feb/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)	31/03/2010
Khaparkheda Unit 1	210	05/01/2010	23.57		Continued.	AOH	09/02/2010
Koradi Unit 3	105	09/01/2010	00.17		Continued.	COH.	21/03/2010
Uran Unit 6	108	20/01/2010	01:22		Continued.	Major Overhauling work.	05/03/2010
Koyna Unit 9	80	20/01/2010	11:00		Continued.	AOH.	19/02/2010
FORCED OUTAGE							
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	31/03/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Dabhol 1B	230	30/01/2010	01.45		Continued.	Turbine temp.high	10/02/2010
Parli Unit 5	210	30/01/2010	17.34		Continued.	Hydrogen Leakage	14/02/2010
Cent_Sect TARAPUR-3	540	08/02/2010	01.47		Continued.	Tripped.	13/02/2010
Nasik Unit 2	125	08/02/2010	10.55		Continued.	Boiler Tube Leakage.	10/02/2010
Khaparkheda Unit 4	210	08/02/2010	17.43	09/02/2010	4:16	Boiler Tube Leakage.	
Uran Unit 5	108	09/02/2010	03.13	09/02/2010	19.20	Replacement of Air Fillter.	
Uran Unit A0	120	09/02/2010	03.13	09/02/2010	22.27	Boiler Not Available.	

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

Position as on 6.30 Hrs of 09/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
HALKARNI-TILLARY	09/02/2010	09.05	09/02/2010	15.13	Insulator Replacement.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench - Kanhan	08/02/2010	11.22	08/02/2010	15.12	Q.M.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Boiser-Taps	09/02/2010	09.15	09/02/2010	16.20	C.B.Gas Leakage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	30/01/2010	16.23		Continued.	Hand Tripped For Over Voltage.
Akola - Wardha - II	05/02/2010	09.22		Continued.	H/T.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	06/02/2010	10.15		Continued.	R Ph.of breaker caught fire.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-I at Kharghar	04/02/2010	12.18		Continued.	Taken on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45	08/02/2010	16.06	Repair Work
Aurangabad - Padegaon - I.	27/01/2010	16:35		Continued.	BKR. Replacement work, ckt on TBC. (15 days)
Kalwa - Ghatghar	29/01/2010	09.12	08/02/2010	18.42	Replacement of conductor.
Kalwa - Salshet - IV	07/02/2010	23.48	08/02/2010	06.05	Hot Spot.
New-Koyna-Pawas	08/02/2010	09.27	08/02/2010	17.48	Insulator Washing.
Talandge - Sawantwadi	08/02/2010	10.02	08/02/2010	17.43	Q.M.
Kalmeshwar-Ambazari	08/02/2010	10.07	08/02/2010	18.31	Quarterly Maintainance Work.
TBC at Kalwa.	08/02/2010	11.35		Continued.	Replacement of 29 C Isolator.
Aurangabad-Jalna-II	08/02/2010	11:02	08/02/2010	14:28	Q.M. work.
Bus Coupler Bay @ Karad	08/02/2010	12.02		Continued.	Isolator and Breaker Replacement.
220/33 KV,100 MVA ICT - I @ Ghatnandrai	09/02/2010	08.00	09/02/2010	13.11	Quarterly Maintainance.
Wankuswadi-Satara I	09/02/2010	08.45	09/02/2010	11.20	Aux.Bus Isolator Replacement.
Kandalgaon-Mhasale	09/02/2010	09.10	09/02/2010	17.10	Routine Maintainance.
New Koyna - Pawas	09/02/2010	09.23	09/02/2010	17.59	Insulator Cleaning.
220/22 KV 50 MVA T/F - 3 @ Colour Chem	09/02/2010	10.45	09/02/2010	18.05	Routine Maintainance.
Nigade - Peth	09/02/2010	10.48	09/02/2010	15.05	Quarterly Maintainance.
220/33KV,50MVA T/F -I at Harangul	09/02/2010	11.20	09/02/2010	16.20	Quarterly Maintainance.
220/33 KV,100 MVA ICT - II @ Ghatnandrai	09/02/2010	14.00	09/02/2010	17.00	Quarterly Maintainance.
Baramati-Kurkumb	09/02/2010	15.52	09/02/2010	16.52	Relay Testing.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kallamb - Bhoom	09/02/2010	09.45	09/02/2010	15.30	Quarterly Maintainance.
Bhoom-Kherda	09/02/2010	09.45	09/02/2010	15.30	Quarterly Maintainance.
Chalisgaon - Chalisgaon - II	09/02/2010	10.10	09/02/2010	12.35	Replacement of L A.
132 KV BUS @ Renapur	09/02/2010	12.00	09/02/2010	14.35	Quarterly Maintainance.

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

Position as on 6.30 Hrs of 09/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132, 200MVA ICT II at Jalna	08/02/2010	13.30	08/02/2010	15.00	To Attend Oil Leakages.
220/132KV 100MVA ICT at Yavatmal	09/02/2010	10.00	09/02/2010	17.52	To Attend Oil Leakages.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	06/02/2010	18:10	08/02/2010	12.59	H/T from both ends.
Bhusawal- Aurangabad	08/02/2010	18:00		Continued.	H/T fro both end.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Tifil-Trombay	08/02/2010	18.59	08/02/2010	19.09	H/T For P T Fuse Replacement.
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV, 25MVA T/F at Gadchandur	26/01/2010	09:50		Continued.	Buccholtz Trip.
Nanded-Elichpur	08/02/2010	00:33	08/02/2010	00:41	Distance protection;LBT 46MW.
Nasik-Bablsr Ckt II	08/02/2010	03.24	08/02/2010	04.10	Distanance Protection.
Trombay - Sonkar	08/02/2010	17.18	08/02/2010	18.35	Tripped.
Boisor-Versova	09/02/2010	10.25	09/02/2010	10.48	Distance Protection,Z 1
Voltage Level : 132KV			Outage Type TRIPPED		
132/33 KV,25 MVA T/F-I at Katol	23/01/2010	10.44		Continued.	Differential protection operated.
Harangul - Ujni	08/02/2010	06.15	08/02/2010	14.45	Distance Protection.
Dhule - Dhule	08/02/2010	18.45	09/02/2010	00.33	Distance Protection.
Bhandara - Madgi -I	08/02/2010	19.25	08/02/2010	19.43	Distance Protection.
Bhandara-Madgi CKT.II	08/02/2010	19.25	08/02/2010	19.42	Distance Protection.
Madgi-Bhandara-II	09/02/2010	18.54	09/02/2010	19.10	Distance Protection Operated, Z-1.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	70
Unit 3	105	0
Unit 4	105	70
Unit 5	200	150
Unit 6	210	160
Unit 7	210	200
	1040	730
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	160
Unit 4	210	200
Unit 5	210	0
Unit 6	250	250
	940	656
Chandrapur		
Unit 1	210	150
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2080
Paras		
Unit 2	55	46
Unit 3	250	210
	305	256
Khaparkheda		
Unit 1	210	0
Unit 2	210	190
Unit 3	210	210
Unit 4	210	0
	840	400
Nasik		
Unit 1	120	100
Unit 2	120	0
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	700
Uran		
All Units	852	540
	852	540
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	60
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	35
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	259
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		
RGPPPL II	960	1210
RGPPPL III	740	
	1700	1210
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	3234
	3143	3234

	17616	7 of 7	13972
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