



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Feb/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Feb/2012 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.520	760.405	1) Gujrat	7.023	35.449
2) Hydro	13.993	57.989	2) Madhya Pradesh	19.826	116.598
3) Gas	12.103	74.162	3) Chattisgarh	12.520	74.460
Total MSGENCO	155.616	892.556	4) Maharashtra	49.976	284.201
B) OTHERS			5) Goa	-5.956	-35.182
1) JSW JAIGAD	19.271	120.157	6) TAPS 1&2 Injection	7.783	46.920
2) WPCL	7.862	43.375	7) RGPPL Injection	23.997	148.265
3) Other CPP / IPP	7.063	42.457	8) Pench (Excess)	-0.360	-2.161
4) Wind Generation	2.961	19.512	# Total Cent. Sector	114.809	668.550
5) PENCH (MS)	0.360	2.406	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-15.585	-61.562
1) TPCL Thermal	10.348	99.508	G) Bilateral Power *		
2) TPCL Hydro	7.476	36.022	1) MSEDCL Bilateral	29.111	172.283
TOTAL TPCL	17.824	135.530	Include PX	0.000	-0.530
3) REL Thermal	12.662	74.470	2) MUMBAI Bilateral	9.992	54.340
D) STATE			Include PX	-2.390	-16.796
1) Thermal (A1+C1+C3)	152.530	934.383	3) MUMBAI Schedule	17.567	64.090
2) Hydro (A2+B5+C2)	21.829	96.417	H) ENERGY CATERED (MUs)		
3) Gas (A3)	12.103	74.162	1) MSEDCL	292.357	1727.451
4) Wind (B4)	2.961	19.512	2) TPCL	30.517	181.532
5) CPP (B1+B2+B3)	34.196	205.989	3) REL	15.548	90.620
TOTAL STATE	223.619	1330.463	TOTAL STATE	338.422	1999.603

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	5496	5387	5369
MSGENCO Hydro	1437	501	146
MSGENCO Gas	502	515	504
MSGENCO Total Generation	7435	6403	6019
Central Sector Receipt	5269	5233	4043
WIND	55	275	69
CPP / IPP	1491	1517	1361
Exchange with Mumbai	-1018	-901	-382
MSEDCL DEMAND MET	13257	12580	11110
Load Shedding (LS)	1805	753	320
MSEDCL DEMAND (INCL. LS)	15062	13333	11430
TPCL GENERATION	893	881	382
REL GENERATION	526	529	528
TPCL+REL DEMAND	2437	2311	1292
STATE DEMAND MET	15694	14891	12402
Load Management (LM)	2125	3452	1601
Total Load Relief (LS+LM)	3930	4205	1921
UNRESTRICTED STATE DEMAND	19624	19096	14323
Frequency (Hz)	49.67	49.71	50.11

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 05.03 Hrs	49.32 Hz at 21.02 Hrs	49.79	0 % of Time(min)

* 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 06/Feb/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.05	19.42	140	105	140
Unit 6	3.22	21.18	148	115	125
Unit 7	3.90	23.30	170	155	160
Total	10.17	63.89			425
Bhusawal					
Unit 2	4.18	25.26	180	165	180
Unit 3	4.24	25.41	190	165	180
Unit 4	0.00	0.00	0	0	
Total	8.42	50.67			360
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.42	27.90	209	160	205
Unit 5	3.83	22.72	169	120	150
Unit 6	5.16	10.86	255	73	190
Unit 7	5.40	32.52	243	195	230
Total	18.81	94.00			775
Chandrapur					
Unit 1	3.53	21.33	153	143	155
Unit 2	4.17	24.56	176	172	165
Unit 3	4.23	24.87	183	167	180
Unit 4	4.92	29.21	210	191	210
Unit 5	11.16	64.97	475	455	475
Unit 6	9.84	58.96	450	380	420
Unit 7	9.90	59.00	449	373	400
Total	47.75	282.91			2005
Paras					
Unit 3	5.46	32.61	262	157	250
Unit 4	5.23	32.68	257	169	250
Total	10.69	65.29			500
Khaparkheda					
Unit 1	4.96	19.86	210	195	200
Unit 2	4.42	25.36	188	175	180
Unit 3	4.61	25.72	209	178	200
Unit 4	5.15	31.35	222	192	210
Unit 5	0.00	14.00	0	0	
Total	19.13	116.30			790
Nasik					
Unit 3	4.84	29.95	215	180	210
Unit 4	4.92	29.16	212	194	210
Unit 5	4.79	28.23	207	189	210
Total	14.55	87.34			630
Uran					
All Units	12.10	74.16	516	498	500
Total	12.10	74.16			500
PENCH (MS)					
Pench (MS)	0.36	2.41	53	0	
Total	0.36	2.41			
Koyna					
Stage 1-2	2.90	11.71	380	40	600
Stage 4	3.30	4.46	643	0	250
Stage 3	1.35	4.27	240	0	320
Total	7.55	20.44			1170
Kovna 12&4 Total	6.20	16.17			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.13	1.70	19	0	0
VTRNA	0.78	4.68	61	0	61
TILLARI	0.35	2.21	60	0	60
BHTGR/VEER	0.10	0.56	4	4	4
BHIRA T.R.	0.47	2.17	81	0	80
RNGR+BHTSA	0.34	2.11	15	14	16
BHANDARDRA	0.80	3.93	34	32	27
ELDARY	0.32	1.94	14	13	0
SMLHY PTN	0.99	6.16	49	38	30
GHATGHAR	2.16	12.08	250	0	0
Total	6.44	37.55			278
Wind					
MalharPeth	0.13	1.48			
Vankuswadi	0.23	1.55			
ATIT	0.02	0.37			
Kale	0.09	0.59			
Satara	0.29	2.84			
Shirala	0.08	0.66			
K Mahankal	0.25	1.10			
Supa	0.10	0.59			
Vita	0.23	2.29			
Dondaicha	1.04	4.99			
Sakri	0.16	0.60			
Nandurbar	0.08	0.45			
Khandke	0.16	1.27			
Khaparale	0.12	0.72			
Total	2.96	19.51			
CPP					
JSW JAIGAD	19.27	120.16	881	751	1000
WARDHA	7.86	43.38	333	293	330
Other CPPs	7.06	42.46			
Total	34.20	205.99			1330
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	0.00	0	0	0
Trombay 6	0.00	38.77	0	0	0
Trombay 7A	3.04	17.23	130	123	120
Trombay 7B	1.66	9.70	70	68	60
Trombay 8	5.66	33.80	243	180	250
TATA Hydro	7.48	36.02	459	0	447
Total	17.82	135.53			877
REL					
1&2	12.66	74.47	529	526	500
Total	12.66	74.47			500
Cent Sect					
Share					5118
Total					5118

MS PG CL	Thermal	129.52	760.40		5485
	Thml+Gas	141.62	834.57		5985
	Hydro	13.99	57.99		1448
	Total	155.62	892.56		7433
State Total		223.62	1330.46		15258

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Feb/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	5315	141	502	5958	74	1319	4576	4462	-513	-498	11315	2133	11487	1463	14911	49.93
2	5320	147	502	5969	61	1354	4261	4187	-225	-390	11181	2182	11467	1351	14714	50.03
3	5369	146	504	6019	69	1361	4254	4043	-225	-382	11110	1921	11430	1292	14323	50.11
4	5346	146	504	5996	64	1360	4263	4074	-228	-345	11149	2154	11474	1251	14554	50.06
5	5381	146	503	6030	58	1366	4272	4168	-236	-311	11311	2219	11643	1267	14797	49.96
6	5442	141	503	6086	54	1378	4342	4655	-113	-382	11791	2386	12323	1392	15569	49.84
7	5449	193	502	6144	45	1444	4447	4258	-214	-328	11563	3290	12967	1568	16421	49.69
8	5497	396	502	6395	43	1428	4528	4780	-359	-320	12326	3583	13879	1730	17639	49.70
9	5497	642	502	6641	44	1479	4589	4842	-612	-540	12466	3733	14070	1963	18162	49.70
10	5567	950	502	7019	69	1490	4886	5168	-897	-798	12948	3879	14793	2220	19047	49.66
11	5555	977	500	7032	82	1491	4959	5338	-1095	-1020	12943	4004	14889	2429	19376	49.69
12	5496	1437	502	7435	55	1491	4970	5269	-1131	-1018	13257	3930	15062	2437	19624	49.67
13	5381	1410	502	7293	59	1439	5007	5227	-1115	-988	13055	4064	15011	2411	19530	49.76
14	5359	1180	502	7041	85	1432	4898	5323	-1029	-862	13045	3759	14762	2283	19087	49.75
15	5301	1382	502	7185	84	1425	4886	5425	-1029	-874	13271	3506	14884	2296	19073	49.73
16	5337	1442	506	7285	118	1422	4814	5185	-1040	-885	13148	3529	14873	2304	18981	49.76
17	5327	924	509	6760	209	1425	4806	4784	-1034	-873	12305	4047	14159	2295	18647	49.82
18	5306	214	507	6027	221	1436	4796	4435	-1024	-806	11313	4001	12646	2228	17542	49.81
19	5327	319	516	6162	214	1484	4968	4965	-1085	-842	12023	4288	12903	2255	18566	49.77
20	5387	501	515	6403	275	1517	5126	5233	-1103	-901	12580	4205	13333	2311	19096	49.71
21	5438	339	515	6292	261	1412	5018	4924	-956	-679	12260	4066	12873	2088	18414	49.71
22	5425	260	503	6188	244	1381	4950	4700	-815	-556	12007	3941	12495	1926	17874	49.67
23	5377	256	498	6131	249	1414	4872	4796	-797	-579	12028	3619	12470	1761	17408	49.68
24	5318	304	500	6122	224	1448	4663	4569	-691	-408	11960	3063	12274	1550	16573	49.76
MUs	129.5 2	13.99	12.10	155.61	2.96	34.20	113.15	114.81	-17.57	-15.58	292.36	81.50	318.17	46.07	419.93	49.79

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 06/Feb/2012

Position as on 6.30 Hrs of 07/Feb/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	12/11/2011	21.25		Continued.	Annual Overhaul.	10/02/2012
Cent_Sect NTPC(K-1)	210	20/12/2011	13.44		Continued.	Annual Overhaul.	10/02/2012
Tata Trombay 5	500	11/01/2012	00.19		Continued.	Annual overhaul.	14/02/2012
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	29/02/2012
Cent_Sect NTPC(K-3)	210	28/12/2011	14.00		Continued.	CW Pump Problem	
CPP WPCL U-3	135	28/01/2012	07.48	07/02/2012	01.22	W/Dn,due to bottom ash problem.	
CPP JSW (J) U2	300	01/02/2012	21.39	06/02/2012	11.13	Lubricant system oil leakage.	
Khaparkheda Unit 5	500	04/02/2012	07:10		Continued.	W/dn.	10/02/2012
Dabhol 1B	230	04/02/2012	13.09		Continued.	Gas Shortage	
Dabhol 3B	230	04/02/2012	23.43		Continued.	Gas Shortage	
Tata Trombay 6	500	05/02/2012	10.33		Continued.	Differential protection.	10/02/2012
CPP JSW (J) U2	300	06/02/2012	12.27	06/02/2012	22.13	C.W.P.Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2012

Position as on 6.30 Hrs of 07/Feb/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur	29/12/2011	07:54		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temprrory reconfigured as Tarapur-Boisar ckt-II
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa-II	01/02/2012	21.11	06/02/2012	11.52	Over Voltage.
Dhule-Sar'Sarovar - II	04/02/2012	16.39	06/02/2012	08.27	Over Voltage.
Akola - Wardha - I	04/02/2012	21.31	06/02/2012	11.57	Over Voltage.
Dhule-Sar'Sarovar - I	05/02/2012	23.12		Continued.	Over Voltage.
Kolhapur - Mapusa - I	06/02/2012	17.48		Continued.	Over Voltage.
Akola - Wardha - II	06/02/2012	22.07		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC- I @ Chandrapur	06/02/2012	09.40	06/02/2012	18.00	Erection of bus post insulators stuctures.
Padgha - Kharghar	06/02/2012	09.46	06/02/2012	16.55	BKR testing work,Line on TBC at Kharghar end.
Jejuri-403 CB	06/02/2012	10.54		Continued.	CB Overhauling of 400 KV Lonikand bay.
Deepnagar-Waluj I	06/02/2012	18.02		Continued.	New line charged.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT- I @ Girawali	24/11/2011	10.46		Continued.	Augmentation of ICT BY 200 MVA ICT.
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA (Up to 29/2/12)
Boiser - Borivali	29/12/2011	08.40		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II
Kalwa - Salshet - III	24/01/2012	11.35	06/02/2012	21.44	Replacement of 29A and B isolator,line taken on TBC.Upto 04.02.2012
220/6.6KV,40MVA Stn..T/F-II at Korady	01/02/2012	16.35		Continued.	Replacement of 29B isolator.
Newkoyna -Lote-Parsuram	06/02/2012	08.30	06/02/2012	18.20	R.M.Work
Pawas-Kharepatan	06/02/2012	10.39	06/02/2012	17.08	Insulator cold washing of bus & equipment.
Main Bus - I @ Talangade	06/02/2012	10.52		Continued.	Alignment of servicing of bus isolator.
Miraj -Vita	06/02/2012	11.45	06/02/2012	14.24	Confirmation of auto reclose relay operation.
Hingoli-Pusad	06/02/2012	13.54	06/02/2012	17.40	Replacement of suspension insulator string.
Miraj-Wangi-Karad	06/02/2012	15.20	06/02/2012	16.33	Confirmation of auto reclose relay operation.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Amravati - Achalpur	16/01/2012	10.10		Continued.	Main bkr.maint.work.
Amravati - Akola	06/02/2012	10.00	06/02/2012	18.13	Replacement of disc insulator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,500MVA ICT-II at Khaparkheda.	20/11/2011	08.02		Continued.	Due to low nitrogran pressure fire alarm received.
Karad - Kolhapur - II	05/02/2012	16.05	06/02/2012	09.20	Over Voltage.
Bhusawal- Aurangabad	05/02/2012	17.23	06/02/2012	07.10	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2012

Position as on 6.30 Hrs of 07/Feb/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Kolhapur - I	06/02/2012	16.36		Continued.	Over Voltage.
Bhusawal- Aurangabad	06/02/2012	17.35		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	29/01/2012	04.56		Continued.	To control Wardha-Warora Hinganghat line loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	21/01/2012	03.36		Continued.	Buchholz Alarm Persist.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip, Diff. Prot. operated, PRV tripped(Failed).
220/132KV, 200 MVA ICT-I at Dhule	06/02/2012	09.54	06/02/2012	10.13	Oil temp. high indication.
220/100KV 50 MVA T/F-III @ K'gaon	06/02/2012	12.28	06/02/2012	12.32	Back-up protection operated at K'gaon S/S.
220/100 KV 100 MVA T/F - IV @ Kandalgaon	06/02/2012	12.28	06/02/2012	13.12	Back-up protection operated at K'gaon S/S.
Peth-Nigde	07/02/2012	04.34	07/02/2012	05.16	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Virur-Ashti	06/02/2012	17.35	06/02/2012	17.55	Power swing block operated.
Voltage Level : 100KV			Outage Type TRIPPED		
Kandalgaon-Roha-I	06/02/2012	12.28	06/02/2012	12.55	Back-up protection operated at K'gaon S/S.
Kandalgaon-Roha-II	06/02/2012	12.28	06/02/2012	13.02	Back-up protection operated at K'gaon S/S.
Kandalgaon - Mhasale	06/02/2012	12.28	06/02/2012	12.35	Back-up protection operated at K'gaon S/S.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Feb/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	135
Unit 6	210	150
Unit 7	210	165
	620	450
Bhusawal		
Unit 2	210	180
Unit 3	210	180
Unit 4	500	
	920	360
Parli		
Unit 3	210	0
Unit 4	210	195
Unit 5	210	164
Unit 6	250	190
Unit 7	250	195
	1130	744
Chandrapur		
Unit 1	210	155
Unit 2	210	175
Unit 3	210	180
Unit 4	210	210
Unit 5	500	475
Unit 6	500	450
Unit 7	500	380
	2340	2025
Paras		
Unit 3	250	250
Unit 4	250	210
	500	460
Khaparkheda		
Unit 1	210	187
Unit 2	210	159
Unit 3	210	185
Unit 4	210	193
Unit 5	500	
	1340	724
Nasik		
Unit 3	210	210
Unit 4	210	205
Unit 5	210	205
	630	620
Uran		
All Units	852	500
	852	500
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	18
VTRNA	60	60
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	33
GHATGHAR	250	0
	611	296
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	1045
WARDHA	405	440
Other CPPs	0	
	1005	1485
Tata		
Trombay 4	150	
Trombay 5	500	0
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5349
	3455	5349