



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Feb/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Feb/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.370	1011.081	1) Gujrat	5.948	47.063
2) Hydro	8.876	83.411	2) Madhya Pradesh	20.492	157.162
3) Gas	11.849	98.043	3) Chattisgarh	12.640	99.880
Total MSGENCO	141.095	1192.535	4) Maharashtra	47.114	381.118
B) OTHERS			5) Goa	-6.147	-47.117
1) JSW JAIGAD	22.843	169.209	6) TAPS 1&2 Injection	7.834	62.565
2) WPCL	9.515	62.511	7) RGPPL Injection	23.694	196.461
3) Other CPP / IPP	6.797	56.014	8) Pench (Excess)	-0.306	-2.812
4) Wind Generation	7.296	34.765	# Total Cent. Sector	111.269	894.320
5) PENCH (MS)	0.306	3.057	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.569	-90.367
1) TPCL Thermal	10.414	120.403	G) Bilateral Power *		
2) TPCL Hydro	6.177	48.864	1) MSEDCL Bilateral	18.987	226.223
TOTAL TPCL	16.591	169.267	Include PX	0.158	-0.371
3) REL Thermal	12.641	99.776	2) MUMBAI Bilateral	4.661	69.626
D) STATE			Include PX	-1.697	-19.880
1) Thermal (A1+C1+C3)	143.425	1231.260	3) MUMBAI Schedule	11.395	92.645
2) Hydro (A2+B5+C2)	15.359	135.332	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.849	98.043	1) MSEDCL	285.552	2322.044
4) Wind (B4)	7.296	34.765	2) TPCL	28.311	240.128
5) CPP (B1+B2+B3)	39.155	287.734	3) REL	14.497	119.881
TOTAL STATE	217.084	1787.134	TOTAL STATE	328.360	2682.053

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	4920	5099	5101
MSGENCO Hydro	682	665	148
MSGENCO Gas	490	494	500
MSGENCO Total Generation	6092	6258	5749
Central Sector Receipt	5617	5036	3510
WIND	118	248	477
CPP / IPP	1699	1756	1443
Exchange with Mumbai	-827	-850	-279
MSEDCL DEMAND MET	12726	12498	10900
Load Shedding (LS)	1781	556	0
MSEDCL DEMAND (INCL. LS)	14507	13054	10900
TPCL GENERATION	829	822	385
REL GENERATION	528	527	527
TPCL+REL DEMAND	2184	2199	1191
STATE DEMAND MET	14910	14697	12091
Load Management (LM)	2070	3311	104
Total Load Relief (LS+LM)	3851	3867	104
UNRESTRICTED STATE DEMAND	18761	18564	12195
Frequency (Hz)	49.67	49.64	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 02:04 Hrs	49.26 Hz at 08:19 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 08/Feb/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.46	24.84	132	77	120
Unit 6	3.33	27.78	158	125	130
Unit 7	3.23	30.38	150	70	130
Total	9.02	83.00			380
Bhusawal					
Unit 2	4.20	33.68	195	155	180
Unit 3	4.13	33.84	195	160	180
Unit 4	0.00	0.00	0	0	0
Total	8.33	67.52			360
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.54	37.10	198	166	195
Unit 5	3.95	30.66	175	129	174
Unit 6	5.22	21.59	245	190	200
Unit 7	5.22	43.11	244	194	214
Total	18.93	132.47			783
Chandrapur					
Unit 1	3.54	28.37	152	135	160
Unit 2	3.91	32.55	179	138	165
Unit 3	4.17	33.28	181	162	175
Unit 4	4.82	38.93	207	195	210
Unit 5	11.14	87.34	475	450	475
Unit 6	10.70	80.15	465	415	450
Unit 7	10.64	80.12	461	380	475
Total	48.92	380.73			2110
Paras					
Unit 3	4.48	41.84	249	159	165
Unit 4	4.44	41.76	244	140	170
Total	8.92	83.60			335
Khaparkheda					
Unit 1	5.11	29.93	215	210	210
Unit 2	4.38	34.10	190	165	180
Unit 3	4.40	34.88	204	158	200
Unit 4	5.29	41.90	223	215	210
Unit 5	0.00	14.00	0	0	0
Total	19.17	154.82			800
Nasik					
Unit 3	5.20	40.11	220	210	210
Unit 4	1.89	35.86	208	0	210
Unit 5	0.00	32.97	0	0	0
Total	7.08	108.94			420
Uran					
All Units	11.85	98.04	500	482	500
Total	11.85	98.04			500
PENCH (MS)					
Pench (MS)	0.31	3.06	50	0	0
Total	0.31	3.06			0
Koyna					
Stage 1-2	2.04	17.24	255	40	600
Stage 4	0.17	9.97	140	0	250
Stage 3	0.47	6.43	80	0	320
Total	2.68	33.64			1170
Kovna 12&4 Total	2.21	27.21			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.70	0	0	0
VTRNA	0.77	6.20	61	0	60
TILLARI	0.37	2.94	60	0	60
BHTGR/VEER	0.08	0.74	4	3	10
BHIRA T.R.	0.38	3.02	82	0	80
RNGR+BHTSA	0.34	2.80	15	14	15
BHANDARDRA	0.78	5.50	33	32	30
ELDARY	0.29	2.55	14	0	0
SMLHY PTN	1.00	8.09	49	38	22
GHATGHAR	2.17	16.24	250	0	0
Total	6.20	49.77			277
Wind					
MalharPeth	0.10	1.73			
Vankuswadi	0.17	1.93			
ATIT	0.03	0.42			
Kale	0.06	0.74			
Satara	0.77	4.32			
Shirala	0.07	0.88			
K Mahankal	0.02	1.14			
Supa	0.19	0.93			
Vita	0.72	3.54			
Dondaicha	3.70	13.28			
Sakri	0.48	1.51			
Nandurbar	0.34	1.23			
Khandke	0.35	1.86			
Khaparale	0.30	1.25			
Total	7.30	34.76			
CPP					
JSW JAIGAD	22.84	169.21	1030	843	1000
WARDHA	9.52	62.51	439	328	330
Other CPPs	6.80	56.01			
Total	39.16	287.73			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	3.07	23.33	134	103	120
Trombay 7B	1.65	13.00	70	61	60
Trombay 8	5.70	45.30	246	184	250
TATA Hydro	6.18	48.86	426	0	447
Total	16.59	169.27			877
REL					
1&2	12.64	99.78	529	512	500
Total	12.64	99.78			500
Cent Sect					
Share					5161
Total					5161

MS PG CL	Thermal	120.37	1011.08		5188
	Thml+Gas	132.22	1109.12		5688
	Hydro	8.88	83.41		1447
	Total	141.10	1192.54		7135
State Total		217.08	1787.13		15003

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	5064	171	500	5735	477	1489	4411	3570	-279	-408	10863	743	10863	1373	12979	49.80
2	5088	143	497	5728	491	1439	4279	3571	9	-284	10945	701	10945	1250	12896	49.94
3	5101	148	500	5749	477	1443	4254	3510	209	-279	10900	104	10900	1191	12195	50.00
4	5134	148	497	5779	506	1449	4239	3664	188	-240	11158	0	11158	1165	12323	50.06
5	5121	153	493	5767	582	1453	4234	3925	80	-213	11514	0	11514	1177	12691	49.97
6	5069	193	493	5755	639	1547	4317	4104	205	-33	12012	1825	12046	1301	15138	49.87
7	5085	328	497	5910	600	1631	4649	4396	99	-209	12328	2665	13119	1490	16483	49.68
8	5156	376	495	6027	447	1697	4656	4631	-13	-299	12503	3645	13910	1663	17811	49.82
9	5225	411	493	6129	271	1715	4802	4868	-241	-514	12469	3674	13966	1886	18029	49.62
10	5011	699	492	6202	148	1687	4990	5170	-523	-706	12501	3958	14330	2061	18520	49.64
11	4924	714	490	6128	116	1692	5102	5277	-722	-796	12432	3973	14321	2172	18577	49.73
12	4920	682	490	6092	118	1699	5123	5617	-795	-827	12726	3851	14507	2184	18761	49.67
13	4947	681	497	6125	116	1697	5140	5626	-735	-836	12753	3910	14594	2161	18824	49.78
14	4870	514	492	5876	158	1713	5156	5662	-690	-783	12651	3535	14170	2062	18248	49.86
15	4862	459	494	5815	174	1718	5218	5820	-692	-793	12746	3283	14151	2065	18094	49.80
16	4825	419	482	5726	155	1738	5141	5686	-673	-797	12515	3341	14107	2056	17912	49.82
17	4829	443	491	5763	160	1750	4906	4762	-935	-771	11664	3872	13365	2078	17614	49.73
18	4904	280	489	5673	163	1752	4845	4264	-873	-745	11107	3679	12208	2086	16872	49.74
19	4935	392	492	5819	186	1750	4944	4637	-974	-788	11634	3996	12351	2128	17758	49.67
20	5099	665	494	6258	248	1756	5157	5036	-1021	-850	12498	3867	13054	2199	18564	49.64
21	5078	330	496	5904	314	1696	5046	4825	-905	-731	12058	3729	12497	2070	17857	49.74
22	5017	209	495	5721	259	1621	4915	4468	-770	-710	11409	3601	11743	1882	16892	49.77
23	5045	191	496	5732	240	1536	4782	4136	-724	-575	11084	3383	11348	1674	16141	49.80
24	5061	127	494	5682	251	1487	4607	4044	-621	-382	11082	2749	11286	1427	15258	49.84
MUs	120.37	8.88	11.85	141.10	7.30	39.16	114.91	111.27	-11.40	-13.57	285.55	68.08	306.45	42.80	396.44	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 08/Feb/2012

Position as on 6.30 Hrs of 09/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	
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	09/02/2012	05.33	Differential protection.	
Nasik Unit 5	210	08/02/2012	06.05		Continued.	Vibration problem.	10/02/2012
Nasik Unit 4	210	08/02/2012	09.23		Continued.	Boiler tube leakage.	12/02/2012
Koradi Unit 6	210	09/02/2012	02.18		Continued.	Furnace pressure high.	10/02/2012

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2012

Position as on 6.30 Hrs of 09/Feb/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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		
Dhule-Sar'Sarovar - I	05/02/2012	23.12		Continued.	Over Voltage.
Kolhapur - Mapusa - II	07/02/2012	16.31		Continued.	Over Voltage
Akola - Wardha - I	07/02/2012	17.51	08/02/2012	12.33	Over Voltage
Wardha - Akola - II	08/02/2012	21.21		Continued.	Over Voltage.
Dhule - S'Sarovar- II	08/02/2012	23.18		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad - Kolhapur - II	07/02/2012	10.39	08/02/2012	09.40	Red hot spot at B-Ph line isolator jaw.
Main Bus-I at Khaperkheda	08/02/2012	08.31	08/02/2012	17.33	Maintenance of isolaor.
400/220 KV 315 MVA ICT - II @ Koradi.	08/02/2012	09.13	08/02/2012	19.45	Q.M.Work
400 KV TBC @ Bhusawal	08/02/2012	09.15	08/02/2012	11.22	To attend red hot.
Kalwa-Kharghar	08/02/2012	09.37	08/02/2012	17.57	Taken on TBC for breaker Timing and CRM work.
400/220KV 315MVA ICT-III at Karad.	08/02/2012	10.13	08/02/2012	17.25	Q.M.Work
Deepnagar-Aurangabad-I	08/02/2012	13.30	08/02/2012	20.18	Checking bus bar relay module.
400/220KV 315MVA ICT-II @ BBLSR	08/02/2012	15.50	08/02/2012	17.49	R ph.buchholz relay checking.
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
220/6.6KV,40MVA Stn..T/F-II at Korady	01/02/2012	16.35		Continued.	Replacement of 29B isolator.
Main Bus - I @ Talangade	06/02/2012	10.52		Continued.	Alignment of servicing of bus isolator.
Apta-Nagothane	08/02/2012	08.52	08/02/2012	17.33	R.M.Work
Mudshingi - Talandage - I	08/02/2012	09.18		Continued.	Maintenance work up to 09.02.2012.
220/33 KV 100 MVA ICT - I @ Jamde	08/02/2012	09.55	08/02/2012	13.45	Replacement of LV side B ph CT of T/F-I.
Uran-Apta-II	08/02/2012	10.20	08/02/2012	17.15	Replacement of insulator.
220/132 KV100 MVA ICT @ Bhugaon.	08/02/2012	11.04	08/02/2012	17.54	Q.M.Work.
220/132 KV 100 MVA ICT @ Dondaicha	08/02/2012	13.05	08/02/2012	15.40	HV side bus,line and aux.isolators.
220/33 KV 100 MVA ICT - II @ Jamde	08/02/2012	14.24	08/02/2012	17.05	Replacement of LV side B ph.CT of T/F-I.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Amravati - Achalpur	16/01/2012	10.10		Continued.	Main bkr.maint.work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2012

Position as on 6.30 Hrs of 09/Feb/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
400/220KV,500MVA ICT-II at Khaparkheda.	20/11/2011	08.02		Continued.	Due to low nitrogran pressure fire alarm received.
Bhusawal- Aurangabad	07/02/2012	16.46	08/02/2012	08.18	Over Voltage
Deepnagar-Waluj I	07/02/2012	18.09		Continued.	Over Voltage
Bhusawal- Aurangabad	08/02/2012	18.12		Continued.	Over Voltage.
Karad - Kolhapur - II	08/02/2012	23.31		Continued.	Over Voltage.
New Koyna - StageIV - I	09/02/2012	02.46		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).
Chandrapur - Warora	08/02/2012	18.40		Continued.	B ph.CT burst at Warora.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Feb/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	132
Unit 6	210	0
Unit 7	210	154
	620	286
Bhusawal		
Unit 2	210	180
Unit 3	210	180
Unit 4	500	
	920	360
Parli		
Unit 3	210	0
Unit 4	210	190
Unit 5	210	170
Unit 6	250	200
Unit 7	250	200
	1130	760
Chandrapur		
Unit 1	210	160
Unit 2	210	170
Unit 3	210	175
Unit 4	210	210
Unit 5	500	475
Unit 6	500	450
Unit 7	500	450
	2340	2090
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	200
Unit 4	210	210
Unit 5	500	
	1340	800
Nasik		
Unit 3	210	210
Unit 4	210	0
Unit 5	210	0
	630	210
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	0
VTRNA	60	61
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	262
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	1000
WARDHA	405	330
Other CPPs	0	
	1005	1330
Tata		
Trombay 4	150	0
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	5108
	3455	5108