



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Feb/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	131.742	3363.856	1) Madhya Pradesh	58.778	1438.684
2) Hydro	16.814	624.961	2) Gujrat	26.230	747.887
3) Gas	14.245	345.084	3) Goa	-5.790	-165.355
Total MSGENCO	162.801	4333.901	4) TAPS 1&2 (Inj.)	7.885	209.260
B) OTHERS			5) Pench (Excess)	-0.093	-5.613
1) RGPPL Gas	28.848	783.028	# Total Cent. Sector	87.010	2224.863
2) Wind Generation	3.078	77.898	F) Other Exchanges		
3) CPP	25.279	699.991	1) With TPCL (Excess)	-6.176	-141.447
4) PENCH (MS)	0.355	7.266	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.110	487.524
1) TPCL Thermal	18.982	655.456	Include PX	0.000	0.000
2) TPCL Hydro	1.217	98.831	2) MUMBAI Bilateral	6.284	151.373
TOTAL TPCL	20.199	754.287	Include PX	1.102	-11.260
3) REL Thermal	12.667	332.369	3) MUMBAI Schedule	6.284	151.873
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	163.391	4351.681	1) MSEDCL	301.195	7985.500
2) Hydro (A2+B3+C2)	18.386	731.058	2) TPCL	25.201	818.431
3) Gas (A3+B1)	43.093	1128.112	3) REL	13.838	409.641
4) Wind (B2)	3.078	77.898	TOTAL STATE	340.234	9213.572
5) CPP (B3)	25.279	699.991			
TOTAL STATE	253.227	6988.740			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5415	5629	5438
MSGENCO Hydro	1128	408	165
MSGENCO Gas	608	653	479
MSGENCO Total Generation	7151	6690	6082
Central Sector Receipt	4134	3902	3008
RGPPL	1314	1313	1009
WIND	115	83	180
CPP	1116	1090	922
Exchange with Mumbai	-304	-372	-163
MSEDCL DEMAND MET	13526	12756	11038
Load Shedding (LS)	112	53	0
MSEDCL DEMAND (INCL. LS)	13638	12809	11038
TPCL GENERATION	986	1086	692
REL GENERATION	528	527	529
TPCL+REL DEMAND	1818	1985	1384
STATE DEMAND MET	15344	14741	12422
Load Management (LM)	1917	3444	0
Total Load Relief (LS+LM)	2029	3497	0
UNRESTRICTED STATE DEMAND	17373	18238	12422
Frequency (Hz)	49.93	50.06	50.11

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.5 Hz at 18:02 Hrs	49.16 Hz at 15:23 Hrs	49.99	.03 % 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 27/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.96	105.26	172	160	162
Unit 6	4.29	73.29	204	159	162
Unit 7	4.51	106.08	195	175	180
	12.76	284.63			504
Bhusawal					
Unit 2	4.39	100.06	195	170	190
Unit 3	4.40	92.04	200	165	200
Unit 4			0	0	
	8.80	192.11			390
Parli					
Unit 3	4.40	102.36	195	160	190
Unit 4	4.18	95.12	186	152	160
Unit 5	4.20	102.45	200	150	180
Unit 6	0.00	123.40	0	0	0
Unit 7	5.12	125.10	249	160	230
	17.91	548.43			760
Chandrapur					
Unit 1	3.78	88.52	170	134	160
Unit 2	3.99	102.89	172	160	160
Unit 3	4.72	107.41	206	180	200
Unit 4	4.36	113.21	190	169	185
Unit 5	11.62	275.67	495	470	490
Unit 6	10.60	266.02	479	290	470
Unit 7	10.75	293.31	485	362	460
	49.83	1247.02			2125
Paras					
Unit 3	0.67	101.50	174	0	0
Unit 4	4.65	132.29	219	165	180
	5.32	233.79			180
Khaparkheda					
Unit 1	5.12	131.97	220	210	210
Unit 2	4.91	118.14	210	199	210
Unit 3	4.92	124.24	223	185	210
Unit 4	5.24	56.93	220	216	210
Unit 5		0.00	0	0	
	20.18	431.28			840
Nasik					
Unit 1	2.05	53.99	91	82	81
Unit 2	2.08	55.01	93	83	81
Unit 3	4.12	99.90	200	150	172
Unit 4	4.60	115.44	209	178	192
Unit 5	4.09	102.24	182	156	157
	16.94	426.59			683
Uran					
All Units	14.24	345.08	668	471	640
	14.24	345.08			640
Dabhol					
RGPPL	28.85	783.03	1338	979	1000
	28.85	783.03			1000
Koyna					
Stage 1-2	2.76	122.34	460	35	600
Stage 4	6.67	271.98	886	0	250
Stage 3	2.00	83.72	240	0	320
	11.42	478.04			1170
Kovna 12&4 Total	9.43	394.32			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	11.87	0	0	0
VTRNA	1.44	12.97	61	39	60
TILLARI	0.38	12.67	60	0	60
BHTGR/VEER	0.07	11.53	3	2	17
BHIRA T.R.	0.19	5.77	81	0	80
RNGR+BHTSA	0.42	9.83	18	17	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	7.16	0	0	0
SMLHY PTN	1.12	24.74	54	43	11
GHATGHAR	1.78	50.38	240	0	0
	5.39	146.92			244
PENCH (MS)					
Pench (MS)	0.36	7.27	50	0	
	0.36	7.27			
Wind					
MalharPeth	0.09	2.92			
Vankuswadi	0.33	7.35			
ATIT	0.04	1.41			
Kale	0.09	2.83			
Satara	0.48	6.70			
Shirala	0.11	2.83			
K Mahankal	0.02	3.18			
Supa	0.11	2.45			
Vita	0.83	16.20			
Dondaicha	0.27	17.51			
Nandurbar	0.02	2.12			
Khandke	0.42	6.03			
Khaparale	0.20	3.34			
	3.01	74.87			
CPP					
JSW JAIGAD	13.83	222.92	600	501	550
WARDHA	5.03	110.79	241	157	200
Other CPPs	6.42	366.29			
	25.28	699.99			750
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.80	280.30	480	350	490
Trombay 6	3.65	117.83	175	150	500
Trombay 7A	2.93	79.68	126	118	120
Trombay 7B	1.60	43.11	67	66	60
Trombay 8	0.00	134.53	0	0	0
TATA Hydro	1.22	98.83	268	0	447
	20.20	754.29			1617
REL					
1&2	12.67	332.37	529	527	500
	12.67	332.37			500
Cent Sect					
Share					3549
					3549

MS PG CL	Thermal	131.74	3363.86			5482
	Thml+Gas	145.99	3708.94			6122
	Hydro	16.81	624.96			1414
	Total	162.80	4333.90			7536
State Total		253.23	6988.74			14952

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/Feb/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	5428	160	570	6158	1010	143	944	3312	2887	-217	-216	10926	0	10926	1515	12441	49.94
2	5438	165	479	6082	1009	180	922	3122	3008	-171	-163	11038	0	11038	1384	12422	50.11
3	5397	165	481	6043	1011	242	923	3044	3212	-95	-85	11346	0	11346	1304	12650	50.02
4	5436	166	471	6073	1013	269	968	3020	3460	-72	-55	11728	619	11734	1276	13623	50.08
5	5421	166	493	6080	979	211	1019	3229	3272	-64	-51	11510	1283	11522	1280	14073	49.93
6	5427	166	538	6131	1001	235	1033	3199	3649	-64	-58	11991	1592	12025	1339	14922	49.98
7	5501	166	623	6290	1006	230	1104	3329	3672	-90	-83	12219	1643	12304	1395	15257	49.95
8	5552	384	526	6462	1021	241	1110	3353	4169	-116	-107	12922	1725	13089	1446	16093	49.95
9	5464	1102	554	7120	1115	159	1117	3351	4061	-169	-154	13468	1782	13679	1500	16750	49.82
10	5511	1857	651	8019	1314	149	1119	3446	3114	-274	-252	13513	1746	13691	1690	16949	49.79
11	5513	1455	640	7608	1317	133	1116	3499	3495	-326	-306	13413	2051	13532	1800	17264	49.99
12	5415	1128	608	7151	1314	115	1116	3499	4134	-326	-304	13526	2029	13638	1818	17373	49.93
13	5428	1155	619	7202	1305	66	1117	3620	4292	-441	-420	13562	2062	13707	1771	17395	50.01
14	5449	1267	610	7326	1305	36	1115	3548	4210	-362	-375	13617	2172	13872	1717	17506	50.15
15	5455	1172	607	7234	1300	16	1111	3501	4023	-309	-347	13337	2286	13687	1689	17312	49.92
16	5406	1548	614	7568	1299	12	1117	3477	3652	-287	-329	13319	2286	13669	1683	17288	49.77
17	5400	1533	612	7545	1307	25	1117	3477	3791	-287	-327	13458	2233	13779	1665	17356	49.93
18	5492	1230	618	7340	1308	59	1115	3477	3539	-287	-324	13037	2079	13365	1673	16789	49.97
19	5564	673	639	6876	1309	82	1099	3530	3897	-378	-363	12925	3137	13157	1773	17835	50.10
20	5629	408	653	6690	1313	83	1090	3554	3902	-397	-372	12756	3497	12809	1985	18238	50.06
21	5637	235	651	6523	1312	82	1077	3554	3627	-397	-375	12296	3444	12296	1974	17714	49.95
22	5648	185	656	6489	1318	92	1011	3554	3196	-397	-370	11776	3444	11776	1926	17146	50.08
23	5563	164	664	6391	1324	111	911	3615	3482	-456	-444	11789	0	11789	1793	13582	50.05
24	5568	164	668	6400	1338	107	908	3384	3266	-305	-296	11723	0	11723	1646	13369	50.23
MUs	131.74	16.81	14.25	162.80	28.85	3.08	25.28	81.69	87.01	-6.28	-6.18	301.20	41.11	304.15	39.04	381.35	49.99

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 27/Feb/2011

Position as on 6.30 Hrs of 28/Feb/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	05/03/2011
Dabhol 3A	230	29/01/2011	17.35		Continued.	Heavy leakage in CW Duct	28/02/2011
Dabhol 3X	290	29/01/2011	17.35		Continued.	Hand Tripped	28/02/2011
FORCED OUTAGE							
Parli Unit 6	250	24/02/2011	18.58	28/02/2011	02.21	Bunkering Problem.	
Paras Unit 3	250	25/02/2011	07.08	27/02/2011	18.42	Boiler Tube Leakage	
CPP WPCL U-3	135	25/02/2011	21.09	28/02/2011	03.43	Tripped	
Tata Trombay 8	250	26/02/2011	01.31	28/02/2011	04.52	Cooling water system	
Uran Unit B0	120	26/02/2011	21.45	27/02/2011	06.07	Bearing vibration	
Dabhol 1B	230	26/02/2011	23.22	27/02/2011	07.39	Air Filter replacement	
Koyna Unit 5	80	27/02/2011	07.25		Continued.	Needle replacement	05/03/2011
Nasik Unit 1	125	28/02/2011	03.05		Continued.	Bus Fault	
Nasik Unit 2	125	28/02/2011	03.05		Continued.	Bus Fault	
Nasik Unit 3	210	28/02/2011	03.05		Continued.	Bus Fault	
Nasik Unit 4	210	28/02/2011	03.05		Continued.	Bus Fault	
Nasik Unit 5	210	28/02/2011	03.05		Continued.	Bus Fault	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2011

Position as on 6.30 Hrs of 28/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	25/02/2011	22.59	27/02/2011	07.47	Over Voltage
Kolhapur - Mapusa - I	26/02/2011	23.04	27/02/2011	09.23	Over Voltage
Dhule-Sar'Sarovar - II	26/02/2011	23.07	27/02/2011	14.14	Over Voltage
Dhule - S'Sarovar- II	27/02/2011	18.07		Continued.	Over Voltage
Kolhapur - Mapusa - II	27/02/2011	21.08		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	28/02/2011	03.05	28/02/2011	03.55	Bus Fault
Nasik-Navsari -II	28/02/2011	03.05	28/02/2011	03.45	Bus Fault
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	19/02/2011	10.42	27/02/2011	08.53	For Releasing Air from Air Releasing Plugs of R Phase
Lonikand - Jejuri	24/02/2011	08.37		Continued.	Increasing height at crossing point, upto 03-03-2011.
Lonikand- Koyna Stage IV	24/02/2011	10.10		Continued.	Increasing height at crossing point, upto 03-03-2011.
Kalwa - Padgha - II	27/02/2011	08.37	27/02/2011	16.55	Replacement of LA
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 Month Outage.)
220/100 KV 125 MVA ICT-III @ Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
220/132KV 50MVA ICT-I @ Peth	04/02/2011	08.45	27/02/2011	14.45	Augmentation by 100MVA ICT
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthening Mumbai system up to 28.02.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthening Mumbai system up to 28.02.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA. up to 15/03/11
220/132KV 100 MVA ICT-I @ Khadka	10/02/2011	10.14		Continued.	Replacement of 100MVA by 200 MVA ICT (upto 06.03.11)
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of new Ckt. between loc.no.22-39 on newly erected towers
220/132 KV 150 MVA ICT-I @ Dhule	26/02/2011	10.55		Continued.	Repl. of 150MVA ICT by 200MVA ICT
Main Bus II @ Aarey	27/02/2011	07.27	27/02/2011	17.52	Annual Maint. work
Pophali-New Koyna	27/02/2011	08.10	27/02/2011	16.20	R.M. work
Kandalgaon - Dasturi	27/02/2011	09.05	27/02/2011	18.43	Replacement of Faulty Disc Insulator
Khargar-Topworth	27/02/2011	09.50	27/02/2011	18.30	Replacement of Insulator
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT-I @ Parly.	11/02/2011	22.43		Continued.	PDR problem (ICT LV side is on TBC)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Finolex - Kharepatan	27/02/2011	17.39	27/02/2011	19.32	Replacement of Insulator
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	26/02/2011	22.03	27/02/2011	07.16	Over Voltage
Bhusawal- Aurangabad	26/02/2011	22.46	27/02/2011	04.50	Over Voltage

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2011

Position as on 6.30 Hrs of 28/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Bhusawal- Aurangabad	27/02/2011	21.30	28/02/2011	04.37	Over Voltage
Karad-Kolhapur-II	27/02/2011	23.49		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
220/100KV, 200MVA T/F-IV at Kalwa	06/02/2011	20.32	27/02/2011	16.25	For Thermovision inspection
Bale-Murud	23/02/2011	22.52		Continued.	To Control O/V.
Dhule-Chalisgaon	25/02/2011	14.04		Continued.	To control Dhule ICT Load
Aurangabad - Babaleshwar	26/02/2011	08.21	28/02/2011	04.50	To control BBLSR ICT load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 220KV			Outage Type TRIPPED		
Bus Section-II Breaker at Nasik GCR	25/02/2011	20.14	27/02/2011	18.35	B Phase Breaker Burst
Nasik-Bablsr - I	28/02/2011	03.05		Continued.	Bus Fault
Nasik-Bablsr - II	28/02/2011	03.05	28/02/2011	04.25	Bus Fault
Bus Section - II @ Nasik	28/02/2011	03.05		Continued.	R Phase CT Burst
Nasik - Ghatghar	28/02/2011	03.05		Continued.	Tripped at Nasik end only
220/132 KV 150 MVA ICT-II @ Nasik	28/02/2011	03.05		Continued.	Bus Fault
Main Bus at Nasik OCR	28/02/2011	03.05	28/02/2011	03.45	Bus Fault
220/132 KV 200 MVA ICT - V @ Nasik (OCR) New	28/02/2011	03.05	28/02/2011	03.46	Bus Fault
220/132 KV 200 MVA ICT-IV @ Nasik OCR	28/02/2011	03.05	28/02/2011	03.56	Bus Fault
220/132KV 100 MVA ICT-III @ Nasik OCR	28/02/2011	03.05	28/02/2011	05.32	Bus Fault
220/132KV 200MVA ICT-IV at Nasik GCR	28/02/2011	03.05		Continued.	Bus Fault
Nasik-Raymond	28/02/2011	03.05		Continued.	Bus Fault
220/132 KV,200MVA ICT-I at Nasik GCR	28/02/2011	03.05	28/02/2011	04.34	Bus Fault
Nasik - Airoli - Knowledge Park	28/02/2011	03.05	28/02/2011	04.43	Bus Fault
Padghe - Nashik - II	28/02/2011	03.05	28/02/2011	04.27	Bus Fault at Nasik
Voltage Level : 132KV			Outage Type TRIPPED		
Nasik OCR - Railway TSS	28/02/2011	03.05	28/02/2011	03.50	Bus Fault
Girwali - Kej	28/02/2011	03.47		Continued.	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	150
Unit 6	210	175
Unit 7	210	165
	620	490
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	500	
	920	390
Parli		
Unit 3	210	165
Unit 4	210	165
Unit 5	210	140
Unit 6	250	100
Unit 7	250	230
	1130	800
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	200
Unit 4	210	185
Unit 5	500	490
Unit 6	500	420
Unit 7	500	480
	2340	2105
Paras		
Unit 3	250	200
Unit 4	250	200
	500	400
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	840
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
	870	0
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	960	1250
	960	1250
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	61
TILLARI	60	60
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	12
GHATGHAR	250	0
	611	232
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	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	300	550
WARDHA	135	316
Other CPPs	0	
	435	866
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3928
	3143	3928