



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Mar/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	131.586	1221.944	1) Madhya Pradesh	52.551	521.971
2) Hydro	23.730	181.767	2) Gujrat	33.559	264.296
3) Gas	15.716	137.062	3) Goa	-6.854	-58.516
Total MSGENCO	171.032	1540.773	4) TAPS 1&2 (Inj.)	3.755	46.268
B) OTHERS			5) Pench (Excess)	-0.268	-2.553
1) RGPPL Gas	30.989	253.438	# Total Cent. Sector	82.743	771.466
2) Wind Generation	7.896	28.535	F) Other Exchanges		
3) CPP	25.337	204.219	1) With TPCL (Excess)	-12.180	-92.111
4) PENCH (MS)	0.268	2.553	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	12.587	143.311
1) TPCL Thermal	23.874	214.662	Include PX	0.000	0.000
2) TPCL Hydro	4.336	30.831	2) MUMBAI Bilateral	12.341	90.441
TOTAL TPCL	28.210	245.493	Include PX	3.996	20.246
3) REL Thermal	12.694	114.070	3) MUMBAI Schedule	12.341	90.441
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	168.154	1550.676	1) MSEDCL	306.085	2708.873
2) Hydro (A2+B3+C2)	28.334	215.151	2) TPCL	35.365	298.411
3) Gas (A3+B1)	46.705	390.500	3) REL	17.719	153.227
4) Wind (B2)	7.896	28.535	TOTAL STATE	359.169	3160.511
5) CPP (B3)	25.337	204.219			
TOTAL STATE	276.426	2389.081			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5508	5570	5455
MSGENCO Hydro	1476	1434	165
MSGENCO Gas	637	648	669
MSGENCO Total Generation	7621	7652	6289
Central Sector Receipt	3966	3453	2574
RGPPL	1287	1284	1254
WIND	70	361	497
CPP	1088	1092	934
Exchange with Mumbai	-483	-628	-160
MSEDCL DEMAND MET	13549	13268	11388
Load Shedding (LS)	392	298	16
MSEDCL DEMAND (INCL. LS)	13941	13566	11404
TPCL GENERATION	1390	1377	882
REL GENERATION	530	527	530
TPCL+REL DEMAND	2403	2532	1572
STATE DEMAND MET	15952	15800	12960
Load Management (LM)	2184	3584	1961
Total Load Relief (LS+LM)	2576	3882	1977
UNRESTRICTED STATE DEMAND	18528	19682	14937
Frequency (Hz)	49.76	49.77	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 05.04 Hrs	49.24 Hz at 20.08 Hrs	49.82	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 09/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.02	36.92	175	159	165
Unit 6	4.22	39.67	191	155	170
Unit 7	4.66	29.90	200	185	195
	12.91	106.49			530
Bhusawal					
Unit 2	3.76	37.10	165	145	160
Unit 3	4.60	40.34	200	185	200
Unit 4			0	0	
	8.36	77.44			360
Parli					
Unit 3	4.25	38.16	192	152	185
Unit 4	4.25	37.09	183	166	185
Unit 5	4.34	37.51	189	166	185
Unit 6	5.07	39.79	237	162	160
Unit 7	5.09	38.88	253	152	180
	22.99	191.43			895
Chandrapur					
Unit 1	4.02	35.09	170	164	165
Unit 2	4.08	36.41	173	166	165
Unit 3	0.00	20.80	0	0	0
Unit 4	4.56	40.32	196	175	195
Unit 5	11.42	103.26	490	465	490
Unit 6	11.22	100.24	489	451	480
Unit 7	11.55	98.12	489	471	480
	46.84	434.24			1975
Paras					
Unit 3	5.88	51.06	250	224	240
Unit 4	0.00	33.25	0	0	0
	5.88	84.30			240
Khaparkheda					
Unit 1	4.96	44.60	215	190	210
Unit 2	4.59	42.26	201	168	200
Unit 3	4.56	45.24	205	175	175
Unit 4	5.17	46.04	222	198	200
Unit 5			0	0	
	19.29	178.13			785
Nasik					
Unit 1	0.80	16.86	89	0	90
Unit 2	1.99	18.13	91	66	90
Unit 3	4.05	39.14	195	150	180
Unit 4	4.45	39.26	199	165	210
Unit 5	4.02	36.50	179	152	180
	15.31	149.91			750
Uran					
All Units	15.72	137.06	677	622	640
	15.72	137.06			640
Dabhol					
RGPPL	30.99	253.44	1422	1239	1400
	30.99	253.44			1400
Koyna					
Stage 1-2	4.20	33.46	505	30	600
Stage 4	11.43	81.67	970	0	250
Stage 3	3.00	24.68	240	0	320
	18.63	139.81			1170
Kovna 12&4 Total	15.63	115.13			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	3.02	20	19	19
VTRNA	1.45	8.27	61	58	60
TILLARI	0.42	3.96	60	0	60
BHTGR/VEER	0.08	0.48	4	3	3
BHIRA T.R.	0.17	1.66	49	0	80
RNGR+BHTSA	0.26	3.31	15	1	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.35	0.35	23	0	0
SMLHY PTN	0.83	8.58	35	34	15
GHATGHAR	1.09	12.33	250	0	0
	5.10	41.96			252
PENCH (MS)					
Pench (MS)	0.27	2.55	54	0	
	0.27	2.55			
Wind					
MalharPeth	0.20	0.82			
Vankuswadi	0.52	2.30			
ATIT	0.12	0.35			
Kale	0.23	0.81			
Satara	0.21	1.50			
Shirala	0.24	0.76			
K Mahankal	0.49	0.91			
Supa	0.13	0.94			
Vita	0.67	2.83			
Dondaicha	3.13	10.56			
Nandurbar	0.40	1.28			
Khandke	0.53	2.33			
Khaparale	0.53	1.42			
	7.42	26.81			
CPP					
JSW JAIGAD	13.45	84.72	600	476	550
WARDHA	5.58	64.30	244	206	352
Other CPPs	6.31	55.20			
	25.34	204.22			902
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.15	94.28	490	375	500
Trombay 6	4.36	47.05	270	150	500
Trombay 7A	2.93	26.24	125	118	120
Trombay 7B	1.61	14.52	68	66	60
Trombay 8	3.82	32.57	165	150	250
TATA Hydro	4.34	30.83	425	0	447
	28.21	245.49			1877
REL					
1&2	12.69	114.07	530	527	500
	12.69	114.07			500
Cent Sect					
Share					3416
					3416

MS PG CL	Thermal	131.59	1221.94		5535
	Thml+Gas	147.30	1359.01		6175
	Hydro	23.73	181.77		1422
	Total	171.03	1540.77		7597
State Total		276.43	2389.08		15692

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Mar/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	5489	170	662	6321	1249	358	948	3271	2599	-396	-350	11125	2973	11125	1898	15996	49.98
2	5474	170	661	6305	1239	485	933	3103	2441	-226	-202	11201	2973	11201	1673	15847	50.05
3	5455	165	669	6289	1254	497	934	3057	2574	-176	-160	11388	1977	11404	1572	14937	49.94
4	5450	173	672	6295	1422	497	930	3058	2965	-175	-154	11955	1684	11971	1549	15188	49.99
5	5363	170	677	6210	1313	441	1006	3035	3357	-151	-146	12181	1787	12197	1542	15510	49.93
6	5406	395	675	6476	1312	436	1047	3024	3619	-175	-187	12703	2015	12728	1584	16302	49.93
7	5443	836	675	6954	1319	407	1063	3087	3629	-226	-248	13124	2219	13156	1705	17048	49.89
8	5563	925	676	7164	1311	292	1084	3132	3814	-276	-269	13396	2422	13631	1825	17643	49.95
9	5564	782	660	7006	1287	102	1077	3303	4398	-447	-428	13442	2520	13775	2070	18032	49.89
10	5508	1476	637	7621	1287	70	1088	3351	3966	-495	-483	13549	2576	13941	2403	18528	49.76
11	5483	1530	631	7644	1287	52	1102	3573	3691	-718	-708	13068	2568	13515	2667	18303	49.73
12	5465	1455	630	7550	1284	88	1107	3594	3900	-742	-727	13202	2575	13625	2731	18508	49.78
13	5441	1671	622	7734	1285	174	1103	3594	3996	-779	-799	13493	2579	13920	2724	18796	49.74
14	5445	1808	627	7880	1286	245	1105	3574	3486	-779	-806	13196	2509	13553	2626	18331	49.82
15	5504	1852	622	7978	1283	360	1116	3554	3409	-779	-798	13348	2296	13667	2670	18314	49.58
16	5496	1800	634	7930	1284	394	1095	3577	3476	-803	-818	13361	2273	13657	2725	18359	49.65
17	5477	1787	634	7898	1283	439	1113	3562	3655	-788	-811	13577	2251	13861	2682	18510	49.76
18	5513	1804	638	7955	1282	552	1117	3522	3612	-747	-774	13744	2173	14079	2590	18507	49.75
19	5542	1121	643	7306	1282	407	1096	3259	3509	-562	-552	13083	3443	13403	2472	18998	49.80
20	5570	1434	648	7652	1284	361	1092	3377	3453	-602	-628	13268	3882	13566	2532	19682	49.77
21	5558	994	658	7210	1260	331	1092	3377	3558	-578	-537	12964	3699	13079	2501	19164	49.75
22	5502	654	661	6817	1260	287	1089	3377	3463	-578	-542	12425	3612	12459	2302	18339	49.72
23	5480	371	665	6516	1312	281	1001	3365	3292	-626	-582	11872	3569	11872	2106	17547	49.60
24	5395	187	662	6244	1324	340	999	3217	2885	-519	-471	11347	3569	11347	1935	16851	49.84
MUs	131.59	23.73	15.64	170.95	30.99	7.90	25.34	79.94	82.75	-12.34	-12.18	306.01	64.14	310.73	53.08	423.24	49.82

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 09/Mar/2011

Position as on 6.30 Hrs of 10/Mar/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.	10/03/2011
Cent_Sect Tarapur 2	80	04/03/2011	01.25		Continued.	Refueling Work.	04/04/2011
FORCED OUTAGE							
Chandrapur Unit 3	210	05/03/2011	14.32		Continued.	UAT Trip.	11/03/2011
Paras Unit 4	250	07/03/2011	05.38		Continued.	Boiler Tube Leakage	10/03/2011
CPP WPCL U-1	135	08/03/2011	00:00		Continued.	Filter work.	10/03/2011
Dabhol 1A	230	08/03/2011	21.37	09/03/2011	02.06	Due to Control Supply Problem.	
Nasik Unit 1	125	09/03/2011	09.25		Continued.	Boiler tube leakage.	12/03/2011

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2011

Position as on 6.30 Hrs of 10/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	08/03/2011	22.49	09/03/2011	08.54	Over Voltage.
Kolhapur - Mapusa - I	08/03/2011	23.05	09/03/2011	07.22	Over Voltage.
Dhule-Sar'Sarovar - I	09/03/2011	22.51		Continued.	Over Voltage.
Kolhapur - Mapusa - I	09/03/2011	23.35		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT-II @ Nagothane.	09/03/2011	09.09	09/03/2011	19.59	Hot Spot on R Ph Bushing.
400/220KV 315 MVA ICT-II at Korady	09/03/2011	09.20	09/03/2011	19.05	Testing Work.
Bablsr-Padgha Ckt I	09/03/2011	12.48	09/03/2011	17.33	Y Ph Wave Trap Jumper Tighting Work.
Lonikand - Parli - II	10/03/2011	05.21		Continued.	Replacement of Defective Insulator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/100 KV125 MVA ICT-III @Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthing Mumbai system up to 10.03.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthing Mumbai system up to 10.03.11
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,16.03 Hrs on 9.3.11 Kept on Humming.
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of new Ckt.between loc.no.22 -39 on newly erected towers up to 13.03.2011.
220/132 KV 150 MVA ICT-I @ Dhule	26/02/2011	10.55		Continued.	Repl.of 150MVA ICT by 200MVA ICT up to 31.03.2011
Babaleshwar - Ranjangaon	28/02/2011	10.00	09/03/2011	00.17	Insulator Replacement(ready for charging at 11.30Hrs/01/03/2011)
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmetation to 200 MVA up to 31.03.2011.
Bus Sectionaliser @ Parly - II	08/03/2011	08.30	09/03/2011	21.39	Replacement of Breaker.
Apta-Uran-II	09/03/2011	09.15	09/03/2011	18.52	Replacement of Insulator.
Usmanabad --Bale	09/03/2011	09.32	09/03/2011	14.26	Replacement of Mid-Span Joint @ L 56-57.
SPCL - IPCL	09/03/2011	09.56	09/03/2011	16.56	Red Hot.
220/132 KV 200 MVA ICT - II @ Bale	09/03/2011	10.00	09/03/2011	12.45	Q.M.Work.
220 KV TBC At Parbhani.	09/03/2011	10.30		Continued.	Breaker Overhaul.
Auxilary Bus @ Akola	09/03/2011	12.00	09/03/2011	17.00	Jumpering Work on 220KV Aux.Bus to CTs of 220KV Balapur - I & II.
Wadkhel - IPCL	09/03/2011	12.25	09/03/2011	18.15	Tan Delta Measurment @ Wadkhel.
Warora - Wani	09/03/2011	13.01	09/03/2011	15.38	B Ph C T Jumphring Work.
220/132 KV 200 MVA ICT - I @ Kalmeshwar	09/03/2011	14.53	09/03/2011	16.59	Quarterly Maintainance Work.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2011

Position as on 6.30 Hrs of 10/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Chinchwad-Bhosari	09/03/2011	15.41	09/03/2011	17.00	Tree Cutting Work.
220/132 KV 200 MVA T/F - II @ Phursungi	10/03/2011	00.05		Continued.	Replacement of Jumps for Hot Spot.
Bhosari-Telco	10/03/2011	04.07	10/03/2011	04.38	SF6 Gas Filling.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Boiser - Palghar - II	09/03/2011	08.33	09/03/2011	12.28	C T Replacement Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
LV CB of 400/220 kV 315 MVA ICT-1 @ Parli	11/02/2011	22:43		Continued.	PDR problem (ICT LV side is on TBC)
Girawli-Parli-III	05/03/2011	04.44		Continued.	Attending compressor problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	08/03/2011	22.39	09/03/2011	05.04	Over Voltage.
Karad - Kolhapur - I	08/03/2011	23.34	09/03/2011	08.27	Over Voltage.
Bhusawal- Aurangabad	09/03/2011	21.47	10/03/2011	05.11	Over Voltage.
Karad - Kolhapur - II	09/03/2011	22.14		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
Hingoli-Parbhani	03/03/2011	16.12		Continued.	H/T to control 220KV Wardha-Yawatmal ckt.loading.
Wardha-Abhijeet II	05/03/2011	07.49		Continued.	To control 220KV Ambazari-AEPL ckt.loading.
Babaleshwar - Bhenda	05/03/2011	20.47		Continued.	For BBLSR ICT-I outage.
Alephata-Kathapur	06/03/2011	07.52		Continued.	To control Load on BBLSR ICT
BBLSR-Waluj	08/03/2011	07.28		Continued.	To Control Bblsr ICT Loading.
Warora - Wani - I	09/03/2011	06.10	09/03/2011	12.21	For Stringing Work of Parli-B'Vati PGCL Line.
Warora - Wani - II	09/03/2011	06.10	09/03/2011	11.33	For Stringing Work of Parli-B'Vati PGCL Line
Dhule-Chalisgaon	09/03/2011	10.40		Continued.	To Control Dhule ICT Loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirpur	07/03/2011	15.15		Continued.	To control Lonikand 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		
Dahanu-Ghodbandar-II	09/03/2011	05.05	09/03/2011	16.15	R & Y Ph Fault.
Chandrapur-Wani	09/03/2011	05.34	09/03/2011	05.53	PDR Operated @ Wani.
Warora - Wardha Power - II	09/03/2011	05.34	09/03/2011	05.53	On Backup Protection @ Warora End Only.
220/33 KV 50 MVA T/F - I @ Murud	09/03/2011	11.15	09/03/2011	12.25	33 KV R Ph Jumper Burnt.
Chinchwad-Bhosari	09/03/2011	13.52	09/03/2011	13.56	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Lonand - Phaltan - I	09/03/2011	00.15	09/03/2011	01.10	C T Burst of 132/22 KV 50 MVA T/F-I @ Phaltan.
Lonand - Phaltan - II	09/03/2011	00.15	09/03/2011	01.04	C T Burst of 132/22 KV 50 MVA T/F-I @ Phaltan.
Kalmeshwar - Katol	09/03/2011	14.11	09/03/2011	14.17	While Shifting From TBC to Own Breaker.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	160
Unit 7	210	200
	620	520
Bhusawal		
Unit 2	210	160
Unit 3	210	200
Unit 4	500	
	920	360
Parli		
Unit 3	210	195
Unit 4	210	185
Unit 5	210	175
Unit 6	250	220
Unit 7	250	150
	1130	925
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	0
Unit 4	210	195
Unit 5	500	490
Unit 6	500	480
Unit 7	500	480
	2340	1975
Paras		
Unit 3	250	250
Unit 4	250	0
	500	250
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	81
Unit 3	210	162
Unit 4	210	192
Unit 5	210	162
	870	597
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	960	1400
	960	1400
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	224
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	312
Other CPPs	0	
	435	862
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	3392
	3143	3392