



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Mar/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	130.399	1332.891	1) Madhya Pradesh	58.719	707.933
2) Hydro	3.751	211.991	2) Gujrat	16.465	196.773
3) Gas	13.487	139.572	3) Goa	-4.866	-66.430
Total MSGENCO	147.637	1684.454	4) TAPS 1&2 (Inj.)	6.660	69.548
B) OTHERS			5) Pench (Excess)	0.000	-1.067
1) RGPPL Gas	14.386	110.874	# Total Cent. Sector	76.978	906.757
2) Wind Generation	2.768	42.038	F) Other Exchanges		
3) PENCH (MS)	0.000	1.067	1) With TPCL	4.340	-15.791
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.483	319.648	1) MSEDCL Bilateral	7.262	83.661
2) TPCL Hydro	0.751	29.999	Include PX	0.000	17.995
TOTAL TPCL	30.234	349.647	2) MUMBAI Bilateral	-2.885	32.750
3) REL Thermal	12.733	139.420	Include PX	0.011	7.983
D) STATE			3) MUMBAI Schedule	-2.885	34.550
1) Thermal (A1+C1+C3)	172.615	1791.959	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	4.502	243.057	1) MSEDCL	246.109	2730.466
3) Gas (A3+B1)	27.873	250.446	2) TPCL	25.637	342.493
4) Wind (B2)	2.768	42.038	3) REL	12.981	169.407
TOTAL STATE	207.758	2327.500	TOTAL STATE	284.727	3242.366

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 7 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5562	5353	5444
MSGENCO Hydro	126	324	125
MSGENCO Gas	488	653	453
MSGENCO Total Generation	6176	6330	6022
Central Sector Receipt	3205	3278	3121
RGPPL	626	603	624
WIND	188	69	148
Exchange with TPCL	257	-16	357
MSEDCL DEMAND MET	10452	10264	10272
Load Shedding	1513	2268	480
MSEDCL DEMAND (INCL. LS)	11965	12532	10752
TPCL GENERATION	1249	1303	1245
REL GENERATION	530	530	529
TPCL+REL DEMAND	1522	1849	1417
STATE DEMAND MET	11974	12113	11689
STATE DEMAND (INCL. LS)	13487	14381	12169
Frequency (Hz)	49.92	49.89	49.87
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2681 MW at 22.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			41.55 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.53 Hz at 17.03 Hrs	49.4 Hz at 18.38 Hrs	49.9	0 % of Time

* 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 11/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	8.07	0	0	0
Unit 2	1.61	18.13	77	46	75
Unit 3	1.57	12.65	77	36	75
Unit 4	1.20	10.95	78	14	75
Unit 5	3.96	41.69	176	150	160
Unit 6	4.04	18.19	180	155	160
Unit 7	3.92	39.98	172	148	160
	16.29	149.67			705
Bhusawal					
Unit 1	0.60	9.95	29	22	25
Unit 2	4.53	48.90	193	180	185
Unit 3	4.74	51.00	200	190	190
	9.87	109.85			400
Parli					
Unit 1	0.55	5.66	24	22	20
Unit 2	0.60	6.30	27	24	20
Unit 3	3.25	36.91	147	117	145
Unit 4	3.60	15.10	159	142	145
Unit 5	3.48	30.73	155	137	145
Unit 6	6.03	59.74	255	247	250
	17.51	154.44			725
Chandrapur					
Unit 1	4.14	45.15	176	170	170
Unit 2	4.09	45.28	172	168	170
Unit 3	5.06	54.03	212	208	210
Unit 4	4.80	37.17	208	186	210
Unit 5	10.00	85.55	455	390	450
Unit 6	9.70	92.37	440	380	400
Unit 7	10.46	114.46	469	393	475
	48.26	474.00			2085
Paras					
Unit 2	1.08	11.89	48	34	40
Unit 3	0.00	43.03	0	0	0
	1.08	54.92			40
Khaparkheda					
Unit 1	4.83	39.48	210	196	200
Unit 2	4.67	50.90	197	190	200
Unit 3	5.08	54.50	214	210	210
Unit 4	5.07	44.79	213	209	210
	19.65	189.67			820
Nasik					
Unit 1	2.25	19.00	99	90	95
Unit 2	2.18	24.77	95	85	95
Unit 3	4.40	52.60	188	178	200
Unit 4	4.62	52.39	199	183	200
Unit 5	4.30	51.57	198	170	200
	17.74	200.34			790
Uran					
All Units	13.49	139.57	662	378	450
	13.49	139.57			450
Koyna					
Stage 1-2	1.09	33.90	70	25	600
Stage 4	0.06	108.04	42	0	250
Koyna 12&4 Total	1.15	141.94			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.00	29.44	0	0	320
	1.15	171.38			1170
Hydro					
KDPH	0.90	5.00	38	37	36
VTRNA	0.00	7.59	0	0	60
TILLARI	0.40	4.39	62	0	60
BHTGR/VEER	0.85	8.43	36	35	40
BHIRA T.R.	0.13	1.45	69	0	80
RNGR+BHTSA	0.31	3.56	15	12	13
BHANDARDRA	0.00	6.42	0	0	0
ELDARY	0.00	1.14	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.00	2.64	0	0	0
	2.60	40.62			289
PENCH (MS)					
Pench (MS)	0.00	1.07	0	0	
	0.00	1.07			
Wind					
MalharPeth	0.13	1.57			
Vankuswadi	0.35	3.91			
ATIT	0.03	0.66			
Kale	0.12	1.16			
Satara	0.12	1.48			
Shirala	0.10	1.51			
K Mahankal	0.03	0.39			
Supa	0.07	1.54			
Vita	1.02	10.09			
Dondaicha	0.28	11.81			
Sakri	0.08	1.98			
Nandurbar	0.02	1.57			
Khadakale	0.40	3.91			
Khaparale	0.01	0.46			
	2.77	42.04			
Dabhol					
RGPP L II	14.39	110.87	626	386	300
RGPP L III	0.00	0.00	0	0	
	14.39	110.87			300
Tata					
Trombay 4	2.45	27.53	104	100	150
Trombay 5	12.12	133.30	505	505	500
Trombay 6	11.93	133.84	510	460	500
Trombay 7A	2.99	24.97	131	90	120
Trombay 7B	0.00	0.00	0	0	0
TATA Hydro	0.75	30.00	129	2	297
	30.23	349.65			1567
REL					
1&2	12.73	139.42	532	529	500
	12.73	139.42			500
Cent Sect					
Share					3046
					3046

MS PG CL	Thermal	130.40	1332.89		5565
	Thml+Gas	143.89	1472.46		6015
	Hydro	3.75	211.99		1459
	Total	147.64	1684.45		7474
State Total		207.76	2327.50		12887

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Mar/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS													
1	5426	155	378	5959	386	118	2879	3255	58	102	9820	1467	11287	1636	12923	49.76
2	5438	140	378	5956	616	130	2716	2877	205	256	9835	1244	11079	1519	12598	49.83
3	5444	125	453	6022	624	148	2606	3121	300	357	10272	480	10752	1417	12169	49.87
4	5431	125	472	6028	623	176	2558	3094	347	408	10329	561	10890	1367	12257	49.81
5	5427	140	472	6039	623	208	2613	2991	294	358	10219	1238	11457	1417	12874	49.61
6	5453	151	490	6094	623	205	2808	3216	247	307	10445	1332	11777	1468	13245	49.70
7	5562	126	488	6176	626	188	2999	3205	205	257	10452	1513	11965	1522	13487	49.92
8	5606	127	500	6233	625	134	3010	3262	191	249	10503	1289	11792	1530	13322	49.84
9	5552	157	501	6210	623	100	2982	3103	214	267	10303	1305	11608	1514	13122	50.05
10	5501	191	516	6208	613	92	2814	2963	323	367	10243	1338	11581	1456	13037	49.86
11	5501	223	532	6256	604	95	2863	3077	276	347	10379	554	10933	1553	12486	49.82
12	5477	189	602	6268	598	62	2866	3270	205	272	10470	468	10938	1617	12555	49.73
13	5479	111	614	6204	596	79	2903	3210	12	77	10166	1146	11312	1702	13014	49.72
14	5446	131	627	6204	604	107	2888	3333	62	124	10372	1326	11698	1650	13348	49.99
15	5410	126	630	6166	581	110	2887	3312	62	125	10294	1295	11589	1629	13218	50.06
16	5404	126	632	6162	574	114	2887	3484	62	127	10461	1259	11720	1616	13336	50.06
17	5368	126	625	6119	613	137	2887	3490	87	152	10511	1275	11786	1575	13361	50.14
18	5350	146	633	6129	603	117	2933	3389	45	111	10349	1255	11604	1637	13241	50.23
19	5345	232	644	6221	605	69	2811	3181	137	204	10280	1621	11901	1587	13488	49.76
20	5353	324	653	6330	603	69	2836	3278	-87	-16	10264	2268	12532	1849	14381	49.89
21	5380	190	657	6227	605	110	2818	3284	-85	-18	10208	2260	12468	1849	14317	50.13
22	5387	125	660	6172	605	86	2813	3394	-84	-21	10236	2260	12496	1851	14347	49.98
23	5330	140	661	6131	606	59	2906	3073	-136	-76	9793	2120	11913	1890	13803	49.92
24	5329	125	662	6116	607	60	2837	3117	-55	4	9904	2066	11970	1776	13746	50.03
MUs	130.40	3.75	13.48	147.63	14.39	2.77	68.12	76.98	2.89	4.34	246.11	32.94	279.05	38.63	317.68	49.90

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 11/Mar/2009

Position as on 6.30 Hrs of 12/Mar/2009

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
Cent_Sect KARPR2	220	03/02/2009	00.24		Continued.	Bi-Annual overhaul work	30/03/2009
Paras Unit 3	250	10/03/2009	02.03		Continued.	PG Test	20/03/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 3	60	23/10/2008	06.40		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 3B	230	19/11/2008	19.55		Continued.	W/dn	31/03/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	31/03/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	30/03/2009
Tata Trombay 7B	60	21/02/2009	03:58		Continued.	Stator Winding Prob.	16/03/2009
Koradi Unit 1	105	06/03/2009	10:52		Continued.	Boiler Tube Leakage	24/03/2009
Uran Unit 5	108	07/03/2009	16:05	11/03/2009	09:09	Gas Restriction	
Dabhol 1X	290	09/03/2009	14.32	11/03/2009	00.17	Gas Restriction	
Cent_Sect NTPC(V-4)	210	11/03/2009	12.30	12/03/2009	09.30	Boiler Tube Leakage	12/03/2009
Cent_Sect TARAPUR-4	540	11/03/2009	21.04		Continued.	Re Water Leakage.	13/03/2009
Chandrapur Unit 4	210	12/03/2009	18.42	12/03/2009	21.03	Coal Shortage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Mar/2009

Position as on 6.30 Hrs of 12/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	08/03/2009	2:05	12/03/2009	08.45	Hand Tripped to Control O/V.
DHULE-SAR'SAROVAR-I	11/03/2009	07.30		Continued.	H/T For Outage.
Kolhapur-Mapusa Ckt I	12/03/2009	00.19	12/03/2009	08.37	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	27/02/2009	09.27		Continued.	B Phase Unit Replacement.
Single Ph.105 MVA Spare ICT-II at Karad	02/03/2009	10:45		Continued.	Repl. of existing single phase ICT of 400KV ICT-I, B Ph. by Spare ICT-II
400/220 KV 315 MVA ICT-II DHULE	11/03/2009	09.18	11/03/2009	11.11	Repl. of Y ph OLTC Conservation Oil level indicator & Oil Topup.
Karad-Lonikhand	12/03/2009	15.20	12/03/2009	20.34	Replacement of Broken Insulator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT-III @ Kalwa	03/03/2009	09.40	12/03/2009	16.31	Oil Filtration Work.
Vita - Karkambh	11/03/2009	11.40	11/03/2009	17.55	Testing Work
Bhigwan - Biltgraphic	12/03/2009	09.05	12/03/2009	15.03	Q.M. WORK
Kharepatan-Pawas	12/03/2009	09.10	12/03/2009	18.26	Line Maintenance work.
Phursungi - Theur	12/03/2009	10.10	12/03/2009	19.25	LILO Work of 220KV Magarpatta s/s.
C'pur-Sicom-I	12/03/2009	10.16	12/03/2009	19.21	C.T.Replacement.
Bhosari-Telco	12/03/2009	10.17	12/03/2009	17.50	Q.M. WORK
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Wardha	12/03/2009	18.13		Continued.	Hand Tripped To Control Koradi ICT-II Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - Babhaleshwar - I	11/03/2009	11.12	11/03/2009	11.25	Tripped at Dhule end only
KARAD-KOLHAPUR-II	11/03/2009	18.03	11/03/2009	19.02	Tripped on O/V at Karad end only. H/T at Kolhapur end.
Bblswr-Padgha Ckt II	12/03/2009	04.02	12/03/2009	07.11	TRIPPED ON O/V
Kalwa-Padgha CKT I	12/03/2009	04.02	12/03/2009	08.11	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Kalwa-Nasik	11/03/2009	23.48	12/03/2009	01.52	Trip Y ph-E AND B ph-E.
KALWA-GHATGHAR	11/03/2009	23.48	12/03/2009	02.13	Trip Y ph - E.
C'pur-Sicom-II	12/03/2009	16.59		Continued.	Y ph C.T.Burst.
Karad-Pophali	12/03/2009	17.48		Continued.	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	60
Unit 3	105	50
Unit 4	105	40
Unit 5	200	170
Unit 6	210	160
Unit 7	210	160
	1040	640
Bhusawal		
Unit 1	58	25
Unit 2	210	185
Unit 3	210	195
	478	405
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	145
Unit 4	210	145
Unit 5	210	145
Unit 6	250	250
	940	725
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	200
Unit 5	500	425
Unit 6	500	400
Unit 7	500	400
	2340	1975
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	195
Unit 3	210	205
Unit 4	210	205
	840	805
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	790
Uran		
All Units	852	580
	852	580
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	289
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		
RGPL II	740	300
RGPL III	740	
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
TATA Hydro	444	447
	1774	1717
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3253
	3143	3253

	17146	13194
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