



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Mar/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.171	1572.358	1) Madhya Pradesh	67.777	845.349
2) Hydro	5.924	229.001	2) Gujrat	14.989	226.091
3) Gas	13.808	166.654	3) Goa	-6.112	-78.108
Total MSGENCO	137.903	1968.013	4) TAPS 1&2 (Inj.)	7.035	83.398
B) OTHERS			5) Pench (Excess)	-0.075	-1.216
1) RGPPL Gas	12.500	137.735	# Total Cent. Sector	83.614	1075.514
2) Wind Generation	3.847	48.133	F) Other Exchanges		
3) PENCH (MS)	0.075	1.216	1) With TPCL	-3.734	-23.830
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.572	378.216	1) MSEDCL Bilateral	10.274	103.995
2) TPCL Hydro	4.362	38.060	Include PX	3.805	25.600
TOTAL TPCL	33.934	416.276	2) MUMBAI Bilateral	4.361	42.653
3) REL Thermal	12.709	164.858	Include PX	0.830	10.315
D) STATE			3) MUMBAI Schedule	4.361	44.453
1) Thermal (A1+C1+C3)	160.452	2115.432	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	10.361	268.277	1) MSEDCL	234.205	3207.997
3) Gas (A3+B1)	26.308	304.389	2) TPCL	33.513	409.468
4) Wind (B2)	3.847	48.133	3) REL	16.863	202.543
TOTAL STATE	200.968	2736.231	TOTAL STATE	284.581	3820.008

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5067	5217	4384
MSGENCO Hydro	185	284	136
MSGENCO Gas	621	635	456
MSGENCO Total Generation	5873	6136	4976
Central Sector Receipt	3687	3759	3292
RGPPL	302	591	605
WIND	67	265	63
Exchange with TPCL	-219	-302	171
MSEDCL DEMAND MET	9710	10473	9107
Load Shedding	4291	3076	1809
MSEDCL DEMAND (INCL. LS)	14001	13549	10916
TPCL GENERATION	1505	1536	1231
REL GENERATION	531	526	531
TPCL+REL DEMAND	2255	2364	1591
STATE DEMAND MET	11965	12837	10698
STATE DEMAND (INCL. LS)	16256	15913	12507
Frequency (Hz)	49.43	49.53	49.63
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4652 MW At 10.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			75.29 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.32 Hz at 18.17 Hrs	48.88 Hz at 11.08 Hrs	49.5	1.25 % 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 13/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	1.55	21.14	72	46	70
Unit 3	1.23	15.10	66	33	50
Unit 4	1.30	13.40	69	28	50
Unit 5	3.60	49.33	173	129	170
Unit 6	3.21	25.38	165	100	150
Unit 7	2.46	46.38	150	0	150
	13.35	178.82			640
Bhusawal					
Unit 1	0.65	11.22	27	27	25
Unit 2	4.43	57.71	190	180	185
Unit 3	4.76	60.38	200	190	195
	9.84	129.31			405
Parli					
Unit 1	0.55	6.76	24	22	20
Unit 2	0.60	7.49	26	24	20
Unit 3	2.98	43.24	158	109	145
Unit 4	2.86	21.42	149	86	140
Unit 5	3.10	37.40	149	112	140
Unit 6	6.01	71.84	260	209	255
	16.11	188.15			720
Chandrapur					
Unit 1	4.07	53.40	176	160	170
Unit 2	3.92	53.24	167	159	160
Unit 3	5.03	64.04	213	194	210
Unit 4	3.36	44.61	208	0	150
Unit 5	8.13	100.71	465	150	300
Unit 6	8.05	108.12	430	220	250
Unit 7	8.36	130.86	426	252	250
	40.92	554.98			1490
Paras					
Unit 2	1.07	13.99	48	41	45
Unit 3	0.00	43.03	0	0	0
	1.07	57.03			45
Khaparkheda					
Unit 1	4.84	49.20	210	185	195
Unit 2	4.69	60.29	207	183	185
Unit 3	4.94	64.47	213	184	190
Unit 4	5.06	54.84	216	205	210
	19.53	228.80			780
Nasik					
Unit 1	2.25	23.49	98	87	95
Unit 2	1.89	28.85	89	74	95
Unit 3	4.52	61.64	198	177	190
Unit 4	4.40	61.29	190	180	180
Unit 5	4.28	60.00	185	164	180
	17.34	235.27			740
Uran					
All Units	13.81	166.65	640	456	450
	13.81	166.65			450
Koyna					
Stage 1-2	1.75	37.54	250	30	600
Stage 4	1.05	113.75	414	0	250
Kovna 12&4 Total	2.80	151.29			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.27	31.03	80	0	320
	3.07	182.32			1170
Hydro					
KDPH	0.91	6.81	38	37	36
VTRNA	0.00	7.59	0	0	0
TILLARI	0.47	5.30	60	0	60
BHTGR/VEER	0.96	10.44	40	40	40
BHIRA T.R.	0.19	1.77	82	0	80
RNGR+BHTSA	0.33	4.24	15	13	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	2.96	0	0	0
	2.86	46.68			229
PENCH (MS)					
Pench (MS)	0.08	1.22	24	0	
	0.08	1.22			
Wind					
MalharPeth	0.17	1.87			
Vankuswadi	0.40	4.65			
ATIT	0.05	0.80			
Kale	0.16	1.39			
Satara	0.21	1.83			
Shirala	0.22	1.85			
K Mahankal	0.05	0.50			
Supa	0.16	1.72			
Vita	1.10	11.88			
Dondaicha	0.69	12.88			
Sakri	0.14	2.22			
Nandurbar	0.05	1.66			
Khadakale	0.33	4.30			
Khaparale	0.10	0.57			
	3.85	48.13			
Dabhol					
RGPP L II	12.50	137.74	607	293	300
RGPP L III	0.00	0.00	0	0	
	12.50	137.74			300
Tata					
Trombay 4	2.63	32.78	121	100	130
Trombay 5	12.12	157.54	505	505	500
Trombay 6	12.24	158.18	510	510	500
Trombay 7A	2.58	29.72	128	90	120
Trombay 7B	0.00	0.00	0	0	0
TATA Hydro	4.36	38.06	308	2	297
	33.93	416.28			1547
REL					
1&2	12.71	164.86	531	526	500
	12.71	164.86			500
Cent Sect					
Share					3188
					3188

MS PG CL	Thermal	118.17	1572.36		4820
	Thml+Gas	131.98	1739.01		5270
	Hydro	5.92	229.00		1399
	Total	137.90	1968.01		6669
State Total		200.97	2736.23		12204

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	4370	155	474	4999	603	69	2853	3496	-9	22	9189	1786	10975	1716	12691	49.43
2	4384	136	456	4976	605	63	2700	3292	135	171	9107	1809	10916	1591	12507	49.63
3	4445	141	463	5049	607	62	2681	3578	206	248	9544	1730	11274	1527	12801	49.82
4	4511	146	472	5129	606	64	2655	3728	253	297	9824	1781	11605	1480	13085	49.83
5	4569	229	474	5272	604	66	2663	3472	192	241	9655	2237	11892	1534	13426	49.45
6	4784	372	475	5631	603	61	2612	3572	192	224	10091	2537	12628	1549	14177	49.34
7	4926	331	485	5742	606	42	2696	3066	148	171	9627	3931	13558	1672	15230	49.44
8	5099	141	552	5792	555	49	3034	2978	174	186	9560	4151	13711	1711	15422	49.41
9	5102	184	620	5906	315	53	3288	3243	-14	-10	9507	4305	13812	1957	15769	49.55
10	5067	185	621	5873	302	67	3553	3687	-240	-219	9710	4291	14001	2255	16256	49.43
11	4983	356	628	5967	296	95	3728	3767	-422	-401	9724	3642	13366	2458	15824	49.22
12	5000	546	620	6166	293	121	3770	3943	-471	-451	10072	3552	13624	2524	16148	49.18
13	5013	745	626	6384	304	92	3806	3871	-470	-448	10203	3599	13802	2525	16327	49.34
14	5029	536	626	6191	351	120	3811	3755	-452	-431	9986	3639	13625	2491	16116	49.34
15	5080	163	628	5871	518	122	3861	3828	-478	-456	9883	3498	13381	2534	15915	49.42
16	5025	126	633	5784	595	113	3878	3848	-480	-457	9883	3686	13569	2532	16101	49.30
17	4990	126	633	5749	593	215	3863	3659	-469	-445	9771	3496	13267	2516	15783	49.28
18	5105	195	640	5940	598	222	3800	3659	-425	-400	10019	2990	13009	2454	15463	49.82
19	5191	196	635	6022	598	241	3743	3901	-328	-296	10481	2502	12983	2365	15348	49.80
20	5217	284	635	6136	591	265	3410	3759	-328	-302	10473	3076	13549	2364	15913	49.53
21	5177	217	615	6009	587	462	3427	3013	-326	-309	9786	2742	12528	2368	14896	49.60
22	4980	133	608	5721	590	256	3434	3022	-325	-305	9296	2443	11739	2255	13994	49.65
23	5042	138	598	5778	589	490	3383	3012	-273	-247	9622	959	10581	2099	12680	49.54
24	5082	143	591	5816	591	560	3211	2465	-151	-117	9315	610	9925	1900	11825	49.55
MUs	118.17	5.92	13.81	137.90	12.50	3.97	79.86	83.61	-4.36	-3.73	234.33	68.99	303.32	50.38	353.70	49.50

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 13/Mar/2009

Position as on 6.30 Hrs of 14/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
Cent_Sect TARAPUR-4	540	11/03/2009	21.04		Continued.	Re Water Leakage.	13/03/2009
Uran Unit 7	108	12/03/2009	14.34	13/03/2009	06.15	Gas Restriction	
Chandrapur Unit 4	210	12/03/2009	23.02	13/03/2009	04.54	Coal Shortage	
Dabhol 1X	290	13/03/2009	07.58	13/03/2009	13.44	W/dn DLN Tunning	
Dabhol 1A	230	13/03/2009	08.01	13/03/2009	12.33	W/dn DLN Tunning	
Koradi Unit 7	210	13/03/2009	15.43	13/03/2009	20.30	Furnance pressure high	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2009

Position as on 6.30 Hrs of 14/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-Sar'Sarovar II	11/03/2009	07.30		Continued.	H/T FOR O/V
Kolhapur-Mapusa-II	13/03/2009	23.50		Continued.	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
400/220KV 315MVA ICT-I at Kharghar	13/03/2009	09.26	13/03/2009	18.42	R.M. Work
KOYNA STG-IV-N.KOYNA CKT 1	13/03/2009	11.10	13/03/2009	21.07	R&B phase CVT replacement
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
New-Koyna-Pawas	13/03/2009	10.06	13/03/2009	17.33	Insulator Washing
Chalisgaon-BSL-I	13/03/2009	10.08	13/03/2009	18.33	E/W Replacement
220KV Main Bus-II at 400KV A'Bad	13/03/2009	10.29	13/03/2009	18.30	B/C CT.Tand measurement and CRM of C.B.
Padgha-Wada	13/03/2009	11.17	13/03/2009	14.22	To attend C.T.oil Leakage
220 KV Main Bus-I at Padgha	13/03/2009	12.00	13/03/2009	18.44	R&B phase P.T. replacement
Wada-Kolshet	13/03/2009	14.47	13/03/2009	19.45	To attend C.T.oil Leakage
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 : 220KV			Outage Type TRIPPED		
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 14/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	65
Unit 4	105	65
Unit 5	200	140
Unit 6	210	120
Unit 7	210	130
	1040	590
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	110
Unit 4	210	110
Unit 5	210	110
Unit 6	250	250
	940	620
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	400
Unit 6	500	350
Unit 7	500	400
	2340	1900
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	205
Unit 4	210	210
	840	815
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	600
	852	600
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	0
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	229
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		
RGPPPL II	740	300
RGPPPL III	740	
	1480	300
Tata		
Trombay 4	150	500
Trombay 5	500	500
Trombay 6	500	140
Trombay 7A	120	130
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1567
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3280
	3143	3280

	17146	12811
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