



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

State Load Dispatch Center, Airoli

Daily system Report

for

30/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 30/Jan/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.704	3651.866	1) Madhya Pradesh	67.427	2013.933
2) Hydro	11.604	308.549	2) Gujrat	16.238	456.349
3) Gas	14.617	358.254	3) Goa	-6.234	-163.168
Total MSGENCO	155.925	4318.669	4) TAPS 1&2 (Inj.)	7.255	152.757
B) OTHERS			5) Pench (Excess)	0.000	0.077
1) RGPPL Gas	7.301	370.855	# Total Cent. Sector	84.686	2459.948
2) Wind Generation	1.499	75.453	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-8.169	-134.327
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.124	641.190	1) MSEDCL Bilateral	10.210	316.564
2) TPCL Hydro	4.515	113.004	Include PX	2.938	91.084
TOTAL TPCL	22.639	754.194	2) MUMBAI Bilateral	8.732	151.614
3) REL Thermal	12.727	359.939	Include PX	2.202	45.288
D) STATE			3) MUMBAI Schedule	8.732	151.664
1) Thermal (A1+C1+C3)	160.555	4652.995	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	16.119	421.956	1) MSEDCL	241.242	7091.404
3) Gas (A3+B1)	21.918	729.109	2) TPCL	29.129	834.975
4) Wind (B2)	1.499	75.453	3) REL	14.405	413.359
TOTAL STATE	200.091	5879.513	TOTAL STATE	284.776	8339.738

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 1 Hrs
MSGENCO Thermal	5545	5450	5119
MSGENCO Hydro	830	830	191
MSGENCO Gas	630	611	570
MSGENCO Total Generation	7005	6891	5880
Central Sector Receipt	3364	3675	3499
RGPPL	308	305	307
WIND	62	57	63
Exchange with TPCL	-459	-507	-87
MSEDCL DEMAND MET	10280	10421	9662
Load Shedding	4288	4201	0
MSEDCL DEMAND (INCL. LS)	14568	14622	9662
TPCL GENERATION	1057	1237	746
REL GENERATION	529	530	531
TPCL+REL DEMAND	2045	2274	1364
STATE DEMAND MET	12325	12695	11026
STATE DEMAND (INCL. LS)	16613	16896	11026
Frequency (Hz)	49.50	49.56	49.58
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4374 MW At 10.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			75.13 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.01 Hz at 13.26 Hrs	48.93 Hz at 12.06 Hrs	49.54	.21 % 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 30/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.65	33.45	76	53	70
Unit 2	1.76	51.26	80	62	70
Unit 3	0.00	23.85	0	0	0
Unit 4	1.83	40.90	90	70	80
Unit 5	3.57	97.19	178	119	140
Unit 6	3.63	107.60	170	124	150
Unit 7	3.66	113.34	185	114	140
	16.10	467.59			650
Bhusawal					
Unit 1	1.29	34.49	58	41	50
Unit 2	3.99	112.16	189	144	180
Unit 3	4.47	118.06	198	174	190
	9.75	264.71			420
Parli					
Unit 1	0.52	17.07	22	21	20
Unit 2	0.55	17.42	24	22	20
Unit 3	0.00	84.52	0	0	0
Unit 4	3.62	105.90	183	108	125
Unit 5	1.70	34.21	179	0	0
Unit 6	5.51	151.03	245	186	210
	11.91	410.15			375
Chandrapur					
Unit 1	2.78	121.04	179	0	170
Unit 2	3.92	116.25	172	158	160
Unit 3	5.11	151.96	213	207	210
Unit 4	4.62	139.58	195	178	185
Unit 5	10.96	303.38	477	429	460
Unit 6	10.79	302.24	478	422	450
Unit 7	11.34	289.79	485	477	450
	49.51	1424.24			2085
Paras					
Unit 2	1.10	26.15	48	38	40
Unit 3	5.03	119.75	244	186	200
	6.13	145.90			240
Khaparkheda					
Unit 1	4.72	134.72	205	184	190
Unit 2	4.57	136.52	200	175	190
Unit 3	4.68	135.60	207	166	185
Unit 4	4.20	50.38	181	164	180
	18.17	457.22			745
Nasik					
Unit 1	2.20	66.17	104	50	86
Unit 2	2.22	54.05	96	86	86
Unit 3	4.82	132.18	209	172	182
Unit 4	4.71	134.34	206	170	182
Unit 5	4.20	95.32	198	74	162
	18.14	482.05			698
Uran					
All Units	14.62	358.25	632	515	550
	14.62	358.25			550
Koyna					
Stage 1-2	1.48	53.40	190	30	600
Stage 4	4.85	96.04	511	0	250
Koyna 12&4 Total	6.33	149.44			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.91	31.69	210	0	240
	7.24	181.13			1090
Hydro					
KDPH	0.45	9.02	19	18	19
VTRNA	1.27	30.84	61	0	60
TILLARI	0.39	11.16	61	0	60
BHTGR/VEER	1.33	33.54	56	55	50
BHIRA T.R.	0.21	5.32	82	0	80
RNGR+BHTSA	0.38	11.40	16	15	13
BHANDARDRA	0.00	12.84	0	0	0
ELDARY	0.00	2.62	0	0	0
PAITHAN	0.06	1.53	12	0	10
GHATGHAR	0.26	9.14	125	0	0
	4.37	127.42			292
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	
	0.00	0.40			
Wind					
MalharPeth	0.10	4.62			
Vankuswadi	0.22	11.04			
ATIT	0.02	1.06			
Kale	0.04	3.53			
Satara	0.06	3.98			
Shirala	0.02	2.95			
K Mahankal	0.02	0.63			
Supa	0.04	1.99			
Vita	0.55	15.97			
Dondaicha	0.24	16.31			
Sakri	0.05	2.97			
Nandurbar	0.04	2.12			
Khadakale	0.09	6.47			
Khaparale	0.02	1.82			
	1.50	75.45			
Dabhol					
RGPPPL II	7.30	370.86	308	297	300
RGPPPL III	0.00	0.00	0	0	0
	7.30	370.86			300
Tata					
Trombay 4	3.13	61.48	141	100	120
Trombay 5	12.00	360.64	500	500	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	1.70	62.82	72	71	100
Trombay 7B	1.28	39.41	54	52	60
TATA Hydro	4.52	113.00	473	2	447
	22.64	754.19			1227
REL					
1&2	12.73	359.94	531	529	500
	12.73	359.94			500
Cent Sect					
Share					3547
					3547

MS	Thermal+Gas	144.32	4010.12		5763
PG	Hydro	11.60	308.55		1382
CL	Total	155.92	4318.67		7145
State Total		200.09	5879.51		12719

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/Jan/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	5119	191	570	5880	307	63	3126	3499	-128	-87	9662	0	9662	1364	11026	49.58
2	5208	191	597	5996	306	62	3054	3394	-53	-4	9754	0	9754	1281	11035	49.78
3	5209	201	608	6018	307	73	2983	3537	22	67	10002	0	10002	1195	11197	49.75
4	5206	201	608	6015	306	70	2937	3622	72	121	10134	309	10443	1155	11598	49.82
5	5241	196	610	6047	306	70	2934	3517	77	121	10061	1517	11578	1156	12734	49.70
6	5355	211	628	6194	306	74	3031	3502	-19	8	10084	2590	12674	1268	13942	49.45
7	5468	191	630	6289	307	87	3137	3205	-142	-122	9766	3896	13662	1432	15094	49.40
8	5525	296	630	6451	308	82	3544	3358	-192	-171	10028	4193	14221	1532	15753	49.30
9	5556	459	632	6647	308	55	3477	3239	-129	-108	10141	4220	14361	1729	16090	49.47
10	5545	830	630	7005	308	62	3811	3364	-462	-459	10280	4288	14568	2045	16613	49.50
11	5517	846	620	6983	302	58	3861	3251	-517	-512	10082	4060	14142	2234	16376	49.40
12	5474	794	614	6882	300	44	3929	3357	-587	-572	10011	4080	14091	2316	16407	49.37
13	5424	793	613	6830	297	36	4020	3667	-682	-673	10157	3822	13979	2275	16254	49.42
14	5465	703	608	6776	302	34	3995	3649	-654	-647	10114	3654	13768	2173	15941	49.59
15	5604	672	576	6852	299	30	4013	3693	-672	-662	10212	3487	13699	2177	15876	49.62
16	5591	491	615	6697	298	39	4012	3857	-672	-663	10228	3297	13525	2152	15677	49.56
17	5497	584	622	6703	299	42	4022	4054	-682	-674	10424	3172	13596	2128	15724	49.51
18	5447	676	611	6734	302	38	3998	4196	-643	-636	10634	2965	13599	2094	15693	49.49
19	5472	943	593	7008	304	54	3850	3842	-475	-458	10750	3703	14453	2172	16625	49.54
20	5450	830	611	6891	305	57	3548	3675	-527	-507	10421	4201	14622	2274	16896	49.56
21	5442	664	622	6728	306	100	3452	3631	-427	-389	10376	3900	14276	2114	16390	49.62
22	5466	268	607	6341	306	94	3449	3485	-422	-386	9840	3878	13718	1956	15674	49.53
23	5411	179	579	6169	306	95	3588	3546	-500	-468	9648	3314	12962	1768	14730	49.53
24	5293	194	515	6002	306	77	3350	3330	-318	-288	9427	2727	12154	1545	13699	49.55
MUs	129.98	11.60	14.55	156.14	7.30	1.50	85.12	85.47	-8.73	-8.17	242.24	71.27	313.51	43.54	357.04	49.54

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 30/Jan/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
Tata Trombay 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	13/02/2009
Koyna Unit 12	80	20/01/2009	00.00		Continued.	Maintenance work	05/02/2009
Koyna ST-IV 1	250	20/01/2009	22:00		Continued.	Annual Overhaul	20/02/2009
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	15/02/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	15/02/2009
Dabhol 1X	290	22/01/2009	12.03		Continued.	BHMS Installation work	03/02/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	03/02/2009
Parli Unit 5	210	28/01/2009	03.36	30/01/2009	12.18	Boiler Tube Leakage	
Parli Unit 3	210	28/01/2009	15:54		Continued.	Boiler Tube Leakage	31/01/2009
Chandrapur Unit 1	210	30/01/2009	16.50		Continued.	Fire In Wind Box	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jan/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur - Chikodi	29/01/2009	08.17	30/01/2009	17.56	Tripped on Dist.Prot.
Tillary-Phonda	31/01/2009	04.55		Continued.	Tripped ,Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Own Breaker-BBLSR-Dhule-I	27/01/2009	15.33		Continued.	Overhauling work(Ckt-I on TBC)
KORADY-BHSWL CKT. I	30/01/2009	06.23	30/01/2009	11.54	Outage
Own Breaker-Koradi-Bhusawal-I	30/01/2009	06.23		Continued.	Overhauling work(Ckt-I on TBC)
ICT-II at kharghar	30/01/2009	09.23	30/01/2009	21.15	Reactor Jumper Connection Work.
M.B.-I @ KHAGHAR	30/01/2009	10.24	30/01/2009	21.07	Reactor Jumper Connection Work.
ICT-I @PADGHA	30/01/2009	14.10	30/01/2009	18.06	W.T.I. Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150MVA ICT-II at Dhule	01/01/2009	11.10		Continued.	O/H (1 month outage)
52B Breaker interconnector at Kalwa	28/01/2009	09.30		Continued.	Breaker Replacement
ICT-IV at Kalwa	30/01/2009	08.02	30/01/2009	18.25	For outage on 100 KV Bus.Section.
ICT-III @ Kalwa	30/01/2009	08.03	30/01/2009	18.22	For outage on 100 KV Bus.Section.
Padgha-Temghar	30/01/2009	08.37	30/01/2009	19.14	CT replacement
220/100 ICT-I @ KOLSHET	30/01/2009	10.55	30/01/2009	18.35	R.M. Work
BBLSR-Waluj	30/01/2009	11.21	30/01/2009	18.55	L.A.replacement work
Trombay-Nerul	30/01/2009	11.57	30/01/2009	17.23	Outage
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
BBLSR-BHUSAWAL	29/01/2009	21.57	30/01/2009	00.34	Testing Work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Apta - Taloja	30/01/2009	14.05	30/01/2009	16.20	RED HOT.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	30/01/2009	06.20	30/01/2009	12.36	H/T For Line Loading.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Pusad-Parbhani	30/01/2009	17.20		Continued.	Hand Tripped
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha-Kharghar	30/01/2009	10.19	30/01/2009	13.43	Tripped on over voltage
Lonikand-Stage IV	30/01/2009	20.40		Continued.	TRIPPED ON O/V

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 31/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	50
Unit 2	105	60
Unit 3	105	0
Unit 4	105	60
Unit 5	200	150
Unit 6	210	140
Unit 7	210	140
	1040	600
Bhusawal		
Unit 1	58	23
Unit 2	210	180
Unit 3	210	190
	478	393
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	180
Unit 5	210	190
Unit 6	250	240
	940	650
Chandrapur		
Unit 1	210	0
Unit 2	210	170
Unit 3	210	210
Unit 4	210	190
Unit 5	500	470
Unit 6	500	470
Unit 7	500	470
	2340	1980
Paras		
Unit 2	55	40
Unit 3	250	200
	305	240
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	200
Unit 4	210	200
Unit 5	210	160
	870	750
Uran		
All Units	852	500
	852	500
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	18
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	13
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	231
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	0
Trombay 7A	120	120
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1277
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3728
	3143	3728

	17146	13039
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