



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

State Load Dispatch Center, Airoli

Daily system Report

for

23/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 23/Jan/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.872	2756.008	1) Madhya Pradesh	69.182	1533.545
2) Hydro	10.482	222.530	2) Gujrat	16.074	352.266
3) Gas	13.273	260.908	3) Goa	-5.706	-125.040
Total MSGENCO	150.627	3239.446	4) TAPS 1&2 (Inj.)	7.049	103.576
B) OTHERS			5) Pench (Excess)	0.000	0.077
1) RGPPL Gas	7.287	319.844	# Total Cent. Sector	86.599	1864.424
2) Wind Generation	2.260	63.247	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-9.927	-82.013
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.624	516.859	1) MSEDCL Bilateral	10.148	248.156
2) TPCL Hydro	4.673	88.595	Include PX	3.023	73.744
TOTAL TPCL	23.297	605.454	2) MUMBAI Bilateral	10.123	95.125
3) REL Thermal	12.679	270.997	Include PX	3.553	31.308
D) STATE			3) MUMBAI Schedule	10.123	95.175
1) Thermal (A1+C1+C3)	158.175	3543.864	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.155	311.528	1) MSEDCL	236.846	5405.754
3) Gas (A3+B1)	20.560	580.752	2) TPCL	30.700	642.729
4) Wind (B2)	2.260	63.247	3) REL	15.205	315.722
TOTAL STATE	196.150	4499.391	TOTAL STATE	282.751	6364.205

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	5487	5375	5141
MSGENCO Hydro	380	1112	122
MSGENCO Gas	599	634	485
MSGENCO Total Generation	6466	7121	5748
Central Sector Receipt	3738	3539	3317
RGPPL	307	304	306
WIND	126	56	82
Exchange with TPCL	-424	-546	-95
MSEDCL DEMAND MET	10213	10474	9358
Load Shedding	4545	4030	0
MSEDCL DEMAND (INCL. LS)	14758	14504	9358
TPCL GENERATION	1128	1243	785
REL GENERATION	528	527	530
TPCL+REL DEMAND	2080	2316	1410
STATE DEMAND MET	12293	12790	10768
STATE DEMAND (INCL. LS)	16838	16820	10768
Frequency (Hz)	49.40	49.47	49.91
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4736 MW At 10.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			77.97 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 00.12 Hrs	48.93 Hz at 09.36 Hrs	49.55	.47 % 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 23/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.49	21.61	74	47	70
Unit 2	1.54	39.01	81	50	70
Unit 3	0.00	23.85	0	0	0
Unit 4	1.35	29.32	85	31	40
Unit 5	3.24	72.84	167	103	150
Unit 6	3.68	82.42	164	141	150
Unit 7	3.73	87.32	172	112	140
	15.03	356.37			620
Bhusawal					
Unit 1	1.21	26.94	58	46	50
Unit 2	3.82	83.49	190	128	155
Unit 3	4.02	92.98	193	40	100
	9.06	203.41			305
Parli					
Unit 1	0.53	13.37	24	20	20
Unit 2	0.56	13.43	24	21	20
Unit 3	0.13	67.92	42	0	0
Unit 4	3.96	78.52	198	127	190
Unit 5	2.30	18.17	191	0	185
Unit 6	5.55	114.52	247	211	210
	13.02	305.93			625
Chandrapur					
Unit 1	4.10	93.24	178	165	165
Unit 2	3.85	89.25	166	151	160
Unit 3	4.64	116.36	212	173	210
Unit 4	3.93	108.86	178	124	170
Unit 5	10.54	229.00	480	402	450
Unit 6	10.07	228.42	462	403	450
Unit 7	10.34	214.52	488	401	450
	47.46	1079.64			2055
Paras					
Unit 2	0.92	20.22	44	21	20
Unit 3	4.09	89.11	205	131	200
	5.00	109.33			220
Khaparkheda					
Unit 1	4.16	101.80	207	0	200
Unit 2	4.82	103.55	207	194	200
Unit 3	4.60	103.28	206	170	200
Unit 4	4.88	18.46	212	195	200
	18.45	327.09			800
Nasik					
Unit 1	2.22	51.00	103	84	95
Unit 2	2.25	39.80	98	92	95
Unit 3	4.87	99.20	214	182	200
Unit 4	4.84	101.39	210	196	200
Unit 5	4.67	82.84	206	182	200
	18.85	374.23			790
Uran					
All Units	13.27	260.91	637	455	480
	13.27	260.91			480
Koyna					
Stage 1-2	1.80	39.70	220	40	600
Stage 4	3.69	62.44	497	0	250
Koyna 12&4 Total	5.50	102.13			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.89	21.65	240	0	240
	6.39	123.78			1090
Hydro					
KDPH	0.30	5.83	19	0	0
VTRNA	1.31	21.95	61	0	60
TILLARI	0.39	8.56	60	0	60
BHTGR/VEER	0.94	26.18	39	39	49
BHIRA T.R.	0.16	4.03	80	0	80
RNGR+BHTSA	0.33	9.02	15	13	18
BHANDARDRA	0.60	12.74	25	25	36
ELDARY	0.00	2.62	0	0	12
PAITHAN	0.07	1.15	12	0	0
GHATGHAR	0.00	6.68	0	0	0
	4.09	98.75			315
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.21	3.91			
Vankuswadi	0.53	9.40			
ATIT	0.05	0.94			
Kale	0.15	3.21			
Satara	0.18	3.43			
Shirala	0.16	2.68			
K Mahankal	0.01	0.54			
Supa	0.05	1.74			
Vita	0.44	13.21			
Dondaicha	0.19	12.74			
Sakri	0.02	2.28			
Nandurbar	0.05	1.59			
Khadakale	0.18	5.81			
Khaparale	0.03	1.75			
	2.26	63.25			
Dabhol					
RGPP L II	7.29	319.84	308	294	300
RGPP L III	0.00	0.00	0	0	0
	7.29	319.84			300
Tata					
Trombay 4	2.99	46.63	136	98	140
Trombay 5	12.00	277.02	500	500	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	2.20	47.08	125	72	100
Trombay 7B	1.44	29.29	68	54	60
TATA Hydro	4.67	88.60	459	2	447
	23.30	605.45			1247
REL					
1&2	12.68	271.00	531	526	500
	12.68	271.00			500
Cent Sect					
Share					3376
					3376

MS PG CL	Thermal+Gas	140.14	3016.92		5895
	Hydro	10.48	222.53		1405
	Total	150.63	3239.45		7300
State Total		196.15	4499.39		12723

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	5141	122	485	5748	306	82	3094	3317	-118	-95	9358	0	9358	1410	10768	49.91
2	5179	127	486	5792	306	77	3093	3328	-118	-84	9419	0	9419	1374	10793	49.93
3	5267	152	486	5905	305	85	3093	3491	-118	-83	9703	0	9703	1345	11048	50.01
4	5323	178	485	5986	305	91	3094	3466	-118	-80	9768	0	9768	1339	11107	49.86
5	5297	238	486	6021	305	109	3091	3483	-114	-77	9841	891	10732	1335	12067	49.66
6	5398	213	458	6069	305	124	2995	3377	-35	-32	9843	2549	12392	1325	13717	49.44
7	5466	471	455	6392	306	119	3038	3056	-85	-54	9819	3740	13559	1431	14990	49.33
8	5541	190	481	6212	305	139	3596	3538	-207	-178	10016	4099	14115	1613	15728	49.29
9	5520	214	563	6297	305	112	3696	3641	-326	-301	10054	4386	14440	1805	16245	49.47
10	5487	380	599	6466	307	126	3819	3738	-443	-424	10213	4545	14758	2080	16838	49.40
11	5249	495	573	6317	303	140	3908	3786	-616	-607	9939	4435	14374	2344	16718	49.35
12	5242	316	553	6111	298	176	3931	3895	-616	-605	9875	4491	14366	2349	16715	49.43
13	5240	307	546	6093	294	137	4027	4187	-711	-721	9990	4376	14366	2361	16727	49.40
14	5305	372	546	6223	299	118	4004	4004	-687	-696	9948	4422	14370	2277	16647	49.64
15	5198	584	542	6324	299	91	4026	3820	-711	-721	9813	4197	14010	2284	16294	49.50
16	5164	664	546	6374	302	75	4078	3839	-711	-720	9870	4086	13956	2303	16259	49.60
17	5122	761	559	6442	300	63	4062	3961	-711	-720	10046	3926	13972	2317	16289	49.42
18	5238	765	570	6573	302	46	3944	3969	-695	-708	10182	3651	13833	2266	16099	49.37
19	5347	1013	602	6962	304	43	3750	3825	-523	-528	10606	3721	14327	2298	16625	49.49
20	5375	1112	634	7121	304	56	3405	3539	-542	-546	10474	4030	14504	2316	16820	49.47
21	5373	805	637	6815	306	79	3430	3636	-499	-508	10328	3734	14062	2126	16188	49.49
22	5252	564	636	6452	306	70	3451	3504	-491	-498	9834	3753	13587	1973	15560	49.46
23	5327	231	626	6184	308	48	3532	3481	-516	-524	9497	3169	12666	1874	14540	49.63
24	5274	202	632	6108	307	53	3421	3226	-415	-417	9277	1069	10346	1758	12104	49.73
MUs	127.32	10.48	13.19	150.99	7.29	2.26	85.58	87.11	-10.12	-9.93	237.71	73.27	310.98	45.90	356.89	49.55

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 23/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
Parli Unit 3	210	21/01/2009	01.40	23/01/2009	20.19	Boiler Tube Leakage	
Cent_Sect TARAPUR-4	540	21/01/2009	17.10	23/01/2009	18.51	Reactor Problem	
Dabhol 1X	290	22/01/2009	12.03		Continued.	BHMS Installation work	31/01/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	31/01/2009
Khaparkheda Unit 1	210	23/01/2009	09.49	23/01/2009	11.04	Flame/Failure	
Parli Unit 5	210	23/01/2009	13.35	24/01/2009	04.45	Trip due to jerk.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jan/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Nasik-Navsari -II	23/01/2009	09.18	23/01/2009	18.18	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	17/01/2009	22.16		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	24/01/2009	00.44		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV B.C.at Kalwa	19/01/2009	09.25		Continued.	Breaker Replacement
ICT III @ PADGHA	23/01/2009	11.34	23/01/2009	22.29	CTR Fire system commissioning
400/220 Kv Spare ICT at BBLR	23/01/2009	15.13	23/01/2009	16.35	Bushing Inspection.
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)
Kharepatan-Pawas	23/01/2009	10.12	23/01/2009	18.53	Isolator Maintaince Work.
Kolhapur-Karad-III	23/01/2009	12.14	23/01/2009	16.55	Isolatar Replacement.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
KALWA-SALSET I	23/01/2009	08.27	23/01/2009	16.40	Line Maintenance work.
Voltage Level : 220KV			Outage Type TRIPPED		
KDPH-Wankuswadi	23/01/2009	04.15	23/01/2009	18.50	Trip, Y Ph decaping.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 24/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	60
Unit 3	105	0
Unit 4	105	70
Unit 5	200	180
Unit 6	210	160
Unit 7	210	170
	1040	710
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	190
	478	410
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	110
Unit 4	210	145
Unit 5	210	150
Unit 6	250	210
	940	655
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	180
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2070
Paras		
Unit 2	55	40
Unit 3	250	160
	305	200
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	200
	870	790
Uran		
All Units	852	550
	852	550
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	49
BHIRA T.R.	80	80
RNGR+BHTSA	20	18
BHANDARDRA	45	36
ELDARY	23	0
PAITHAN	12	12
GHATGHAR	250	0
	611	333
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	140
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1247
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3470
	3143	3470

	17146	13125
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