



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Feb/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	128.954	3277.805	1) Madhya Pradesh	59.599	1669.450
2) Hydro	19.867	366.876	2) Gujrat	11.770	444.561
3) Gas	14.655	377.841	3) Goa	-6.109	-148.199
Total MSGENCO	163.476	4022.522	4) TAPS 1&2 (Inj.)	7.360	184.612
B) OTHERS			5) Pench (Excess)	-0.131	-0.588
1) RGPPL Gas	9.978	207.733	# Total Cent. Sector	72.489	2149.836
2) Wind Generation	2.567	73.251	F) Other Exchanges		
3) PENCH (MS)	0.131	0.611	1) With TPCL	-2.182	-122.858
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.318	548.858	1) MSEDCL Bilateral	9.306	266.564
2) TPCL Hydro	3.442	106.349	Include PX	0.488	56.192
TOTAL TPCL	32.760	655.207	2) MUMBAI Bilateral	3.583	148.869
3) REL Thermal	12.683	330.189	Include PX	0.499	27.161
D) STATE			3) MUMBAI Schedule	3.583	149.769
1) Thermal (A1+C1+C3)	170.955	4156.852	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	23.440	473.836	1) MSEDCL	246.459	6331.706
3) Gas (A3+B1)	24.633	585.574	2) TPCL	31.668	735.076
4) Wind (B2)	2.567	73.251	3) REL	15.960	373.830
TOTAL STATE	221.595	5289.513	TOTAL STATE	294.087	7440.612

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5424	5449	5161
MSGENCO Hydro	539	1696	196
MSGENCO Gas	608	646	608
MSGENCO Total Generation	6571	7791	5965
Central Sector Receipt	3586	3247	2382
RGPPL	552	241	564
WIND	99	131	162
Exchange with TPCL	-414	-234	256
MSEDCL DEMAND MET	10394	11200	9329
Load Shedding	4132	3847	1690
MSEDCL DEMAND (INCL. LS)	14526	15047	11019
TPCL GENERATION	1416	1557	1189
REL GENERATION	527	528	530
TPCL+REL DEMAND	2357	2319	1463
STATE DEMAND MET	12751	13519	10792
STATE DEMAND (INCL. LS)	16883	17366	12482
Frequency (Hz)	49.19	49.34	49.20
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4786 MW at 13:00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			87.392 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.98 Hz at 18.02 Hrs	48.78 Hz at 00.05 Hrs	49.21	12.84 % 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 26/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.71	41.40	88	44	75
Unit 2	1.83	45.16	86	56	75
Unit 3	1.79	9.42	89	49	80
Unit 4	0.00	33.87	0	0	0
Unit 5	4.34	105.35	191	171	180
Unit 6	0.00	25.94	0	0	0
Unit 7	4.42	109.84	206	150	190
	14.09	370.98			600
Bhusawal					
Unit 1	1.31	17.65	58	47	50
Unit 2	4.44	71.45	195	163	190
Unit 3	0.00	105.35	0	0	0
	5.75	194.44			240
Parli					
Unit 1	0.52	13.47	24	18	20
Unit 2	0.58	14.98	26	23	20
Unit 3	3.75	99.90	172	139	155
Unit 4	1.85	101.44	155	0	150
Unit 5	3.90	85.33	190	145	160
Unit 6	5.92	136.31	255	238	240
	16.52	451.43			745
Chandrapur					
Unit 1	4.11	94.81	177	159	170
Unit 2	4.06	107.27	172	166	165
Unit 3	5.08	113.69	219	210	210
Unit 4	4.70	119.26	199	191	195
Unit 5	11.17	253.62	477	444	470
Unit 6	10.48	255.02	458	402	400
Unit 7	10.08	235.80	448	400	400
	49.68	1179.48			2010
Paras					
Unit 2	0.88	24.64	42	32	25
Unit 3	5.14	118.25	237	172	200
	6.02	142.88			225
Khaparkheda					
Unit 1	4.72	123.63	205	182	200
Unit 2	4.53	119.80	202	167	200
Unit 3	4.54	122.16	209	170	200
Unit 4	4.32	122.50	194	168	200
	18.12	488.08			800
Nasik					
Unit 1	2.27	52.56	98	89	95
Unit 2	2.26	49.14	99	90	95
Unit 3	4.51	113.80	206	70	200
Unit 4	4.95	125.74	213	200	200
Unit 5	4.78	109.26	209	184	200
	18.77	450.50			790
Uran					
All Units	14.66	377.84	670	490	540
	14.66	377.84			540
Koyna					
Stage 1-2	3.05	62.97	545	40	600
Stage 4	9.00	145.59	840	0	250
Kovna 12&4 Total	12.05	208.56			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.76	44.29	310	0	320
	14.81	252.85			1170
Hydro					
KDPH	0.00	10.33	0	0	0
VTRNA	1.45	32.99	61	57	60
TILLARI	0.38	10.18	62	0	60
BHTGR/VEER	1.32	31.01	55	55	55
BHIRA T.R.	0.16	6.15	43	0	80
RNGR+BHTSA	0.36	8.91	15	15	18
BHANDARDRA	0.76	4.14	46	15	30
ELDARY	0.23	1.03	15	0	10
PAITHAN	0.06	1.27	12	0	0
GHATGHAR	0.34	8.01	125	0	0
	5.06	114.02			313
PENCH (MS)					
Pench (MS)	0.13	0.61	24	0	
	0.13	0.61			
Wind					
MalharPeth	0.11	3.33			
Vankuswadi	0.23	7.66			
ATIT	0.03	0.98			
Kale	0.06	2.69			
Satara	0.10	3.14			
Shirala	0.11	2.52			
K Mahankal	0.02	0.51			
Supa	0.07	1.91			
Vita	0.87	15.62			
Dondaicha	0.61	20.88			
Sakri	0.14	4.50			
Nandurbar	0.06	2.98			
Khadakale	0.15	5.29			
Khaparale	0.01	1.26			
	2.57	73.25			
Dabhol					
RGPP L II	9.98	207.73	610	241	300
RGPP L III	0.00	0.00	0	0	
	9.98	207.73			300
Tata					
Trombay 4	2.82	68.71	134	100	50
Trombay 5	12.12	313.57	505	505	500
Trombay 6	11.74	81.46	510	380	500
Trombay 7A	2.64	60.99	111	109	75
Trombay 7B	0.00	24.13	0	0	75
TATA Hydro	3.44	106.35	304	2	297
	32.76	655.21			1497
REL					
1&2	12.68	330.19	531	523	500
	12.68	330.19			500
Cent Sect					
Share					3103
					3103

MS PG CL	Thermal	128.95	3277.80			5410
	Thml+Gas	143.61	3655.65			5950
	Hydro	19.87	366.88			1483
	Total	163.48	4022.52			7433
State Total		221.60	5289.51			12833

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Feb/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	5165	216	610	5991	566	146	2732	2422	41	111	9236	1669	10905	1608	12513	49.17
2	5161	196	608	5965	564	162	2589	2382	188	256	9329	1690	11019	1463	12482	49.20
3	5290	186	588	6064	546	149	2543	2341	235	310	9410	1778	11188	1391	12579	49.27
4	5361	186	570	6117	538	141	2497	2348	285	356	9500	1833	11333	1345	12678	49.24
5	5307	211	572	6090	545	168	2499	2501	285	352	9656	2556	12212	1345	13557	49.12
6	5381	363	644	6388	585	162	2561	2611	188	256	10002	2832	12834	1442	14276	49.08
7	5432	353	669	6454	600	143	2591	2541	116	185	9923	3992	13915	1562	15477	49.12
8	5429	289	670	6388	607	124	2963	2551	107	170	9840	4310	14150	1638	15788	49.20
9	5461	292	595	6348	603	96	3032	2877	-11	42	9966	4403	14369	1864	16233	49.00
10	5494	383	587	6464	610	114	3311	3285	-307	-247	10226	4413	14639	2189	16828	49.19
11	5424	539	608	6571	552	99	3315	3586	-405	-414	10394	4132	14526	2357	16883	49.19
12	5409	1066	626	7101	307	60	3375	3537	-499	-438	10567	4112	14679	2475	17154	49.12
13	5414	1199	617	7230	302	30	3415	3603	-499	-441	10724	3992	14716	2428	17144	49.34
14	5331	1196	613	7140	302	30	3363	3365	-405	-351	10486	3971	14457	2368	16825	49.38
15	5352	1258	606	7216	298	37	3370	3317	-405	-355	10513	3858	14371	2333	16704	49.18
16	5312	1214	616	7142	267	47	3356	3291	-405	-358	10389	4091	14480	2356	16836	49.27
17	5335	1276	625	7236	245	62	3344	3489	-381	-327	10705	3926	14631	2381	17012	49.20
18	5374	1228	629	7231	251	70	3389	3567	-373	-327	10792	3728	14520	2367	16887	49.31
19	5384	1467	642	7493	243	95	3178	3303	-264	-217	10931	3671	14602	2281	16883	49.34
20	5449	1696	646	7791	241	131	3127	3247	-290	-234	11200	3847	15047	2319	17366	49.34
21	5451	1873	625	7949	253	142	3129	3232	-284	-225	11375	3356	14731	2242	16973	49.31
22	5439	1407	617	7463	258	156	2984	3086	-140	-68	10919	3355	14274	2075	16349	49.26
23	5419	993	592	7004	313	101	3091	3103	-244	-174	10371	3085	13456	1992	15448	49.14
24	5380	780	490	6650	382	77	2839	2904	-119	-44	9990	2480	12470	1804	14274	49.14
MUs	128.95	19.87	14.66	163.49	9.98	2.54	72.59	72.49	-3.58	-2.18	246.44	81.08	327.52	47.62	375.15	49.21

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 26/Feb/2009

Position as on 6.30 Hrs of 27/Feb/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	10/03/2009
Koradi Unit 6	210	08/02/2009	02.11		Continued.	ANNUAL MAINT. WORK	15/03/2009
Cent_Sect TARAPUR-3	540	22/02/2009	20.38		Continued.	Outage	28/02/2009
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	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	10/03/2009
Tata Trombay 7B	60	21/02/2009	03:58		Continued.	Stator Winding Prob.	28/02/2009
Koradi Unit 4	115	22/02/2009	06.38		Continued.	Hydrogen Leakage	28/02/2009
Nasik Unit 3	210	23/02/2009	17.30	26/02/2009	00.05	Boiler Tube Leakage	
Cent_Sect sipat-5	500	23/02/2009	19.06	26/02/2009	12.06	Boiler Tube Leakage	
Bhusawal Unit 3	210	25/02/2009	21.38	27/02/2009	05.48	Condensor Tube Leakage	
Dabhol 1X	290	26/02/2009	10.55	26/02/2009	23.17	DLM Tuning work	
Dabhol 1A	230	26/02/2009	11.12	26/02/2009	17.42	DLM Tuning work	
Parli Unit 4	210	26/02/2009	15.01		Continued.	Furnace Pressure High	28/02/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2009

Position as on 6.30 Hrs of 27/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kolhapur-Phonda Ckt. I	26/02/2009	08.05	26/02/2009	18.17	Outage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench - Kanhan	26/02/2009	17.25		Continued.	Relay Retrofitting Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
DHULE-SAR'SAROVAR-I	25/02/2009	14.02		Continued.	Relay Testing Work.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Bblswr-II	25/02/2009	09.38		Continued.	Own Breker Overhauling @ Bblr, Line on TBC.
400/220 KV ICT @ Jejuri	26/02/2009	00.13	26/02/2009	05.54	B bus isolator alignment
400/220KV ICT-I at Lonikand	26/02/2009	09.18	26/02/2009	20.12	Commissioning of Nitrogen injection system
400KV TBC at Koradi	26/02/2009	10.26	26/02/2009	18.45	Q.M. WORK
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
Talangade-Mudshingi-II	26/02/2009	09.35	26/02/2009	16.50	Testing Work
Parvati-Phursungi	26/02/2009	10.34	26/02/2009	16.02	Testing Work
Aurangabad-Chitegaon-I	26/02/2009	11.12	26/02/2009	14.26	Q.M. WORK
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malkapur-Bodwad	25/02/2009	09.30		Continued.	Breaker Replacement
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kalwa-Nasik III	26/02/2009	09.20	26/02/2009	13.24	Emergency Outage/Cond.Strained broken.
Apta-Bombay Dyeing	26/02/2009	10.25	26/02/2009	12.25	Emergency outage/Compressor problem.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Parbhani-Pusad	25/02/2009	23.37	26/02/2009	02.00	To Control 220KV Bhugaonl-Pusad-I Loading.
Theur - Jejuri	26/02/2009	08.53	26/02/2009	20.36	To control Lonikand ICT Load.
Voltage Level : 220KV			Outage Type TRIPPED		
BBLSWR-ANAGAR CKT I	26/02/2009	12.29	26/02/2009	13.03	Tripped load trimming scheme optd.
Bblswr-Anagar Ckt.II	26/02/2009	13.56	26/02/2009	14.12	Tripped load trimming scheme optd.
K'gaon-Lonand	26/02/2009	13.56	26/02/2009	14.12	Tripped
K'gaon-Lonand	26/02/2009	14.19		Continued.	Tripped

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	75
Unit 3	105	80
Unit 4	105	0
Unit 5	200	180
Unit 6	210	0
Unit 7	210	200
	1040	610
Bhusawal		
Unit 1	58	50
Unit 2	210	185
Unit 3	210	50
	478	285
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	0
Unit 5	210	160
Unit 6	250	165
	940	515
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	210
Unit 4	210	195
Unit 5	500	460
Unit 6	500	470
Unit 7	500	450
	2340	2120
Paras		
Unit 2	55	45
Unit 3	250	225
	305	270
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	610
	852	610
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	52
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	30
ELDARY	23	10
PAITHAN	12	0
GHATGHAR	250	0
	611	302
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	50
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	75
Trombay 7B	60	75
TATA Hydro	444	297
	1774	1497
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3227
	3143	3227

	17146	12996
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