



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Jan/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.557	3143.715	1) Madhya Pradesh	64.867	1734.950
2) Hydro	7.317	250.233	2) Gujrat	13.539	399.020
3) Gas	14.259	303.314	3) Goa	-4.594	-139.883
Total MSGENCO	146.133	3697.262	4) TAPS 1&2 (Inj.)	6.988	124.041
B) OTHERS			5) Pench (Excess)	0.000	0.077
1) RGPPL Gas	7.319	341.751	# Total Cent. Sector	80.800	2118.205
2) Wind Generation	2.370	69.748	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-5.198	-102.382
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	16.746	567.610	1) MSEDCL Bilateral	7.340	275.985
2) TPCL Hydro	0.853	95.040	Include PX	0.000	79.707
TOTAL TPCL	17.599	662.650	2) MUMBAI Bilateral	5.949	117.099
3) REL Thermal	12.711	309.075	Include PX	0.973	37.364
D) STATE			3) MUMBAI Schedule	5.949	117.149
1) Thermal (A1+C1+C3)	154.014	4020.400	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	8.170	345.676	1) MSEDCL	231.424	6125.390
3) Gas (A3+B1)	21.578	645.065	2) TPCL	23.292	718.325
4) Wind (B2)	2.370	69.748	3) REL	12.213	355.664
TOTAL STATE	186.132	5080.889	TOTAL STATE	266.929	7199.379

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 8 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5229	5372	5002
MSGENCO Hydro	278	798	173
MSGENCO Gas	648	595	515
MSGENCO Total Generation	6155	6765	5690
Central Sector Receipt	3219	3176	3611
RGPPL	306	307	305
WIND	105	120	98
Exchange with TPCL	-58	-359	-76
MSEDCL DEMAND MET	9727	10009	9628
Load Shedding	3600	3601	0
MSEDCL DEMAND (INCL. LS)	13327	13610	9628
TPCL GENERATION	716	792	710
REL GENERATION	531	529	530
TPCL+REL DEMAND	1305	1680	1316
STATE DEMAND MET	11032	11689	10944
STATE DEMAND (INCL. LS)	14632	15290	10944
Frequency (Hz)	49.39	49.66	50.07
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3987 MW at 07.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			60.90 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.4 Hz at 18.01 Hrs	48.9 Hz at 07.21 Hrs	49.74	.3 % 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/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.75	26.54	78	61	70
Unit 2	1.79	44.12	83	62	70
Unit 3	0.00	23.85	0	0	0
Unit 4	1.75	34.04	80	55	75
Unit 5	3.44	83.02	178	121	130
Unit 6	3.50	92.92	162	120	125
Unit 7	3.38	97.80	162	116	140
	15.63	402.30			610
Bhusawal					
Unit 1	0.96	30.31	52	28	40
Unit 2	4.09	95.72	184	152	180
Unit 3	0.05	101.87	47	0	0
	5.10	227.90			220
Parli					
Unit 1	0.51	14.97	22	20	20
Unit 2	0.57	15.16	25	22	20
Unit 3	3.50	78.00	164	136	140
Unit 4	4.07	90.20	184	150	150
Unit 5	3.70	28.43	167	136	150
Unit 6	5.48	130.43	249	204	200
	17.83	357.19			680
Chandrapur					
Unit 1	4.18	105.75	179	174	170
Unit 2	3.90	100.90	167	157	160
Unit 3	5.09	131.60	212	207	210
Unit 4	4.41	121.69	187	173	180
Unit 5	10.36	260.13	472	390	450
Unit 6	10.30	259.56	468	384	450
Unit 7	10.42	245.99	479	412	450
	48.65	1225.62			2070
Paras					
Unit 2	0.52	21.76	26	20	20
Unit 3	4.39	101.77	210	158	175
	4.90	123.54			195
Khaparkheda					
Unit 1	4.72	116.11	211	182	200
Unit 2	4.66	117.89	202	186	200
Unit 3	4.91	117.95	208	191	200
Unit 4	4.52	32.67	205	176	200
	18.82	384.62			800
Nasik					
Unit 1	2.13	57.45	98	78	86
Unit 2	2.02	45.37	95	63	86
Unit 3	4.72	113.34	210	176	182
Unit 4	4.76	115.70	208	184	182
Unit 5	0.00	90.70	0	0	0
	13.63	422.55			536
Uran					
All Units	14.26	303.31	651	505	490
	14.26	303.31			490
Koyna					
Stage 1-2	1.84	45.28	185	40	600
Stage 4	1.24	69.78	278	0	250
Koyna 12&4 Total	3.08	115.05			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.43	24.71	204	0	240
	3.51	139.76			1090
Hydro					
KDPH	0.46	7.20	20	19	19
VTRNA	1.45	25.85	61	60	60
TILLARI	0.36	9.63	62	0	60
BHTGR/VEER	0.98	28.95	41	41	39
BHIRA T.R.	0.17	4.56	83	0	80
RNGR+BHTSA	0.32	9.99	15	13	13
BHANDARDRA	0.00	12.84	0	0	0
ELDARY	0.00	2.62	0	0	0
PAITHAN	0.07	1.34	12	0	0
GHATGHAR	0.00	7.47	0	0	0
	3.80	110.47			271
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.12	4.23			
Vankuswadi	0.32	10.21			
ATIT	0.02	1.00			
Kale	0.07	3.36			
Satara	0.09	3.69			
Shirala	0.07	2.81			
K Mahankal	0.02	0.58			
Supa	0.04	1.85			
Vita	0.48	14.43			
Dondaicha	0.76	15.10			
Sakri	0.16	2.70			
Nandurbar	0.14	1.89			
Khadakale	0.07	6.10			
Khaparale	0.01	1.79			
	2.37	69.75			
Dabhol					
RGPPPL II	7.32	341.75	307	296	300
RGPPPL III	0.00	0.00	0	0	0
	7.32	341.75			300
Tata					
Trombay 4	0.91	49.69	50	0	50
Trombay 5	11.82	312.72	500	460	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	2.51	54.52	110	95	120
Trombay 7B	1.51	33.84	65	61	60
TATA Hydro	0.85	95.04	210	0	447
	17.60	662.65			1177
REL					
1&2	12.71	309.08	531	527	500
	12.71	309.08			500
Cent Sect					
Share					3113
					3113

MS	Thermal+Gas	138.82	3447.03		5601
PG	Hydro	7.32	250.23		1361
CL	Total	146.13	3697.26		6962
State Total		186.13	5080.89		12052

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	5165	199	505	5869	305	117	3098	3546	-120	-79	9758	0	9758	1340	11098	49.94
2	5066	174	510	5750	305	99	3098	3570	-120	-80	9644	0	9644	1321	10965	50.03
3	5002	173	515	5690	305	98	3098	3611	-120	-76	9628	0	9628	1316	10944	50.07
4	4966	183	520	5669	305	100	3099	3781	-120	-78	9777	215	9992	1318	11310	49.95
5	4952	178	526	5656	305	94	3098	3697	-117	-78	9674	1484	11158	1318	12476	49.88
6	5110	412	582	6104	306	108	2960	3574	-115	-77	10015	2455	12470	1317	13787	49.63
7	5178	299	645	6122	306	88	2926	3389	-115	-75	9830	3459	13289	1307	14596	49.44
8	5229	278	648	6155	306	105	3099	3219	-94	-58	9727	3600	13327	1305	14632	49.39
9	5293	198	651	6142	307	76	3257	3129	-188	-149	9505	3610	13115	1398	14513	49.33
10	5307	250	651	6208	306	71	3344	3135	-241	-207	9513	3442	12955	1494	14449	49.46
11	5273	335	630	6238	303	60	3338	3245	-241	-207	9639	3180	12819	1490	14309	49.36
12	5190	248	628	6066	304	68	3349	3465	-241	-210	9693	3525	13218	1517	14735	49.68
13	5195	179	620	5994	296	88	3552	3738	-359	-326	9790	3296	13086	1573	14659	49.53
14	5199	178	621	5998	304	79	3503	3601	-311	-282	9700	3321	13021	1540	14561	49.72
15	5165	193	606	5964	306	60	3476	3499	-288	-256	9573	3185	12758	1510	14268	49.99
16	5217	318	595	6130	305	66	3478	3377	-288	-257	9621	2995	12616	1505	14121	49.88
17	5227	253	598	6078	306	71	3480	3598	-290	-260	9793	2824	12617	1467	14084	49.87
18	5359	509	600	6468	305	74	3192	3403	-348	-317	9933	2657	12590	1550	14140	49.94
19	5376	746	597	6719	306	85	3153	3253	-350	-319	10044	3103	13147	1636	14783	49.77
20	5372	798	595	6765	307	120	3156	3176	-385	-359	10009	3601	13610	1680	15290	49.66
21	5351	551	595	6497	306	179	3156	3161	-377	-372	9771	3331	13102	1758	14860	49.65
22	5264	288	594	6146	305	142	3156	3140	-374	-361	9372	3357	12729	1682	14411	49.77
23	5232	198	595	6025	305	156	3281	2985	-425	-405	9066	1223	10289	1618	11907	49.92
24	5159	179	634	5972	305	164	3224	3047	-325	-310	9178	0	9178	1548	10726	49.91
MUs	124.85	7.32	14.26	146.42	7.32	2.37	77.57	81.34	-5.95	-5.20	232.25	57.86	290.12	35.51	325.62	49.74

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/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	31/01/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	31/01/2009
Nasik Unit 5	210	25/01/2009	22.10		Continued.	ID Fan Problem	29/01/2009
Bhusawal Unit 3	210	26/01/2009	00.20	27/01/2009	05.57	Condensor Tube Leakage	
Koyna Stage 3	320	26/01/2009	06.30	26/01/2009	11.15	To Attend Inlet Pipe Line Leakage.	
Tata Trombay 4	150	26/01/2009	18.46	26/01/2009	20.01	Air Flow Protection.	
Cent_Sect NTPC(V-4)	210	27/01/2009	01.00		Continued.	Boiler Tube Leakage	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jan/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-I	17/01/2009	22.16		Continued.	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	25/01/2009	01.36		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	26/01/2009	21.45		Continued.	H/T For Controlling SYSO/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Talangde - Chikodi	26/01/2009	13.34	26/01/2009	16.17	H/T for Talangde-Mudshingi B/Dn. works.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	27/01/2009	01.15	27/01/2009	01.47	Tripped ,Dist.Prot.
IntraState					
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)
Voltage Level : 400KV			Outage Type TRIPPED		
LONIKHAND-PARLY-I	26/01/2009	14.40	26/01/2009	22.10	Tripped 85 LO (Relay Burnt).
Lonikand-Stage IV	26/01/2009	14.45		Continued.	Auto Reclose Lockout,DC Leakage.
Voltage Level : 220KV			Outage Type TRIPPED		
PUSAD - PARBHANI	25/01/2009	03.06	26/01/2009	01.02	CT Burst at Pusad.
C'pur-Sicom-II	25/01/2009	19.03	26/01/2009	22.08	B Ph CT Burst at SICOM end.
Talangade-Mudshingi	26/01/2009	09.32	26/01/2009	16.05	Tripped on Dist.Prot.'R' Ph To 'E'.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	60
Unit 5	200	150
Unit 6	210	150
Unit 7	210	170
	1040	670
Bhusawal		
Unit 1	58	40
Unit 2	210	180
Unit 3	210	180
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	155
Unit 4	210	170
Unit 5	210	150
Unit 6	250	210
	940	725
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	180
Unit 5	500	435
Unit 6	500	450
Unit 7	500	470
	2340	2075
Paras		
Unit 2	55	40
Unit 3	250	200
	305	240
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	180
Unit 4	210	170
	840	750
Nasik		
Unit 1	120	90
Unit 2	120	80
Unit 3	210	190
Unit 4	210	197
Unit 5	210	0
	870	557
Uran		
All Units	852	520
	852	520
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	19
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	39
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	271
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	140
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	90
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1237
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3506
	3143	3506

	17146	12841
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