



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Jan/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.143	470.215	1) Madhya Pradesh	69.780	263.102
2) Hydro	8.486	28.948	2) Gujrat	12.529	54.088
3) Gas	11.476	49.252	3) Goa	-4.868	-20.848
Total MSGENCO	135.105	548.415	4) TAPS 1&2 (Inj.)	3.648	14.617
B) OTHERS			5) Pench (Excess)	-0.060	-0.091
1) RGPPL Gas	15.089	56.511	# Total Cent. Sector	81.029	310.868
2) Wind Generation	2.133	6.560	F) Other Exchanges		
3) PENCH (MS)	0.060	0.091	1) With TPCL	0.784	1.053
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.855	104.202	1) MSEDCL Bilateral	11.193	42.273
2) TPCL Hydro	1.385	13.946	Include PX	4.877	13.646
TOTAL TPCL	29.240	118.148	2) MUMBAI Bilateral	1.518	4.831
3) REL Thermal	6.376	37.799	Include PX	0.000	0.000
D) STATE			3) MUMBAI Schedule	1.518	4.831
1) Thermal (A1+C1+C3)	149.374	612.216	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	9.931	42.985	1) MSEDCL	234.200	923.589
3) Gas (A3+B1)	26.565	105.763	2) TPCL	23.443	104.654
4) Wind (B2)	2.133	6.560	3) REL	11.390	50.239
TOTAL STATE	188.003	767.524	TOTAL STATE	269.033	1078.482

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4827	4849	4690
MSGENCO Hydro	617	1042	105
MSGENCO Gas	450	505	456
MSGENCO Total Generation	5894	6396	5251
Central Sector Receipt	3751	3553	2767
RGPPL	632	631	628
WIND	53	154	55
Exchange with TPCL	-46	-78	194
MSEDCL DEMAND MET	10284	10716	8895
Load Shedding	4290	3455	89
MSEDCL DEMAND (INCL. LS)	14574	14171	8984
TPCL GENERATION	1238	1303	1159
REL GENERATION	265	265	266
TPCL+REL DEMAND	1549	1646	1231
STATE DEMAND MET	11833	12362	10126
STATE DEMAND (INCL. LS)	16123	15817	10215
Frequency (Hz)	49.36	49.60	50.04
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5317 MW At 11.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			83.64 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.4 Hz at 03.12 Hrs	49.1 Hz at 10.19 Hrs	49.6	0 % 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 04/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.75	4.74	74	69	75
Unit 2	1.84	7.62	83	73	75
Unit 3	1.50	7.30	82	0	75
Unit 4	0.88	0.88	81	0	0
Unit 5	3.68	8.84	180	121	150
Unit 6	3.53	13.79	170	125	140
Unit 7	3.98	16.34	195	130	140
	17.18	59.51			655
Bhusawal					
Unit 1	1.26	4.89	59	48	50
Unit 2	1.50	14.25	165	0	150
Unit 3	3.93	16.60	176	154	160
	6.68	35.74			360
Parli					
Unit 1	0.58	2.35	26	23	20
Unit 2	0.59	2.40	26	23	20
Unit 3	3.19	13.50	154	104	125
Unit 4	3.55	15.22	182	118	155
Unit 5	0.00	0.00	0	0	0
Unit 6	5.22	19.86	243	190	200
	13.14	53.34			520
Chandrapur					
Unit 1	4.01	16.24	179	152	150
Unit 2	3.90	15.53	167	158	140
Unit 3	5.08	20.36	212	201	210
Unit 4	4.72	18.73	212	159	160
Unit 5	8.53	37.44	427	302	350
Unit 6	8.70	37.68	430	307	350
Unit 7	9.00	36.37	420	349	350
	43.93	182.34			1710
Paras					
Unit 2	1.08	4.13	47	39	40
Unit 3	4.04	17.44	184	153	170
	5.12	21.58			210
Khaparkheda					
Unit 1	4.20	16.47	186	167	170
Unit 2	4.17	17.65	179	168	170
Unit 3	4.17	17.67	180	171	170
Unit 4	0.00	0.00	0	0	0
	12.54	51.79			510
Nasik					
Unit 1	2.37	9.02	107	96	90
Unit 2	0.00	0.00	0	0	0
Unit 3	4.96	19.96	215	182	210
Unit 4	4.82	19.27	213	181	205
Unit 5	4.39	17.67	196	163	190
	16.55	65.92			695
Uran					
All Units	11.48	49.25	505	438	480
	11.48	49.25			480
Koyna					
Stage 1-2	1.22	6.37	130	20	600
Stage 4	2.66	7.73	452	0	250
Koyna 12&4 Total	3.88	14.10			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.37	3.15	256	0	320
	5.25	17.25			1170
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.51	2.00	61	0	60
TILLARI	0.39	1.38	60	0	60
BHTGR/VEER	1.17	4.60	49	48	50
BHIRA T.R.	0.19	0.62	66	0	40
RNGR+BHTSA	0.41	1.48	18	17	19
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.19	12	0	0
GHATGHAR	0.50	1.43	125	0	0
	3.24	11.70			229
PENCH (MS)					
Pench (MS)	0.06	0.09	60	0	
	0.06	0.09			
Wind					
MalharPeth	0.07	0.30			
Vankuswadi	0.16	0.70			
ATIT	0.01	0.05			
Kale	0.01	0.11			
Satara	0.08	0.28			
Shirala	0.01	0.11			
K Mahankal	0.01	0.05			
Supa	0.00	0.12			
Vita	0.17	0.96			
Dondaicha	1.20	2.80			
Sakri	0.21	0.47			
Nandurbar	0.19	0.38			
Khadakale	0.01	0.08			
Khaparale	0.02	0.15			
	2.13	6.56			
Dabhol					
RGPPPL II	15.09	56.51	632	626	300
RGPPPL III	0.00	0.00	0	0	0
	15.09	56.51			300
Tata					
Trombay 4	0.05	0.05	11	0	0
Trombay 5	12.12	48.48	505	500	500
Trombay 6	12.24	41.43	510	510	500
Trombay 7A	2.04	8.55	86	84	120
Trombay 7B	1.40	5.70	59	58	60
TATA Hydro	1.38	13.95	239	0	372
	29.24	118.15			1552
REL					
1&2	6.38	37.80	266	265	250
	6.38	37.80			250
Cent Sect					
Share					3388
					3388

MS	Thermal+Gas	126.62	519.47		5140
PG	Hydro	8.49	28.95		1399
CL	Total	135.10	548.42		6539
State Total		188.00	767.52		12029

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	4688	110	467	5265	629	53	2750	2915	195	91	8953	89	9042	1333	10375	49.83
2	4690	105	456	5251	628	55	2633	2767	195	194	8895	89	8984	1231	10215	50.04
3	4711	105	457	5273	627	65	2517	2829	195	238	9032	89	9121	1187	10308	50.01
4	4762	105	458	5325	627	74	2519	3009	193	238	9273	89	9362	1187	10549	50.17
5	4695	105	459	5259	627	89	2521	3189	191	231	9395	1011	10406	1194	11600	49.79
6	4733	126	459	5318	629	99	2599	3103	208	246	9395	2525	11920	1179	13099	49.62
7	4924	161	461	5546	628	70	2604	3126	208	197	9567	3077	12644	1284	13928	49.53
8	4980	178	459	5617	628	63	3167	3661	37	84	10053	3745	13798	1340	15138	49.44
9	4979	163	452	5594	629	51	3164	3603	-1	52	9929	4380	14309	1372	15681	49.41
10	4958	315	438	5711	631	48	3284	3859	-125	-20	10229	4275	14504	1492	15996	49.34
11	4827	617	450	5894	632	53	3282	3751	-170	-46	10284	4290	14574	1549	16123	49.36
12	4838	430	496	5764	630	41	3280	3806	-181	-43	10198	4194	14392	1617	16009	49.46
13	4822	426	492	5740	627	57	3277	3838	-216	-20	10242	4108	14350	1570	15920	49.40
14	4756	427	492	5675	628	60	3273	3816	-216	-14	10165	4077	14242	1473	15715	49.61
15	4723	443	492	5658	627	62	3273	3787	-216	-11	10123	4057	14180	1446	15626	49.59
16	4831	251	493	5575	626	90	3274	3721	-216	-11	10001	4057	14058	1435	15493	49.47
17	4778	515	494	5787	627	104	3313	3693	-239	-49	10162	3870	14032	1473	15505	49.38
18	4788	586	500	5874	629	119	3314	3630	-249	-67	10185	3921	14106	1497	15603	49.48
19	4849	1042	505	6396	631	154	3396	3553	-255	-78	10716	3455	14171	1646	15817	49.60
20	4820	913	480	6213	630	223	3009	3271	-295	-103	10234	3704	13938	1773	15711	49.63
21	4865	603	487	5955	630	197	3028	3373	-157	-93	10062	3429	13491	1738	15229	49.56
22	4862	450	487	5799	631	114	2983	3189	-149	-91	9642	3223	12865	1685	14550	49.37
23	4799	229	496	5524	629	95	2874	2986	-162	-104	9130	2950	12080	1648	13728	49.55
24	4736	101	473	5310	629	92	2828	2956	-97	-37	8950	1894	10844	1483	12327	49.70
MUs	115.41	8.51	11.40	135.32	15.09	2.13	72.16	81.43	-1.52	0.78	234.82	70.60	305.41	34.83	340.24	49.60

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 04/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
Cent_Sect Tarapur 1	80	03/11/2008	22.17		Continued.	Annual Overhaul	15/01/2009
Nasik Unit 2	125	29/11/2008	14.25		Continued.	Annual Overhaul	06/01/2009
Khaparkheda Unit 4	210	09/12/2008	23:51		Continued.	Annual Overhaul	06/01/2009
Parli Unit 5	210	20/12/2008	10.08		Continued.	Annual Overhaul	20/01/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	
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	08/02/2009
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
Tata Trombay 4	150	24/12/2008	23:36	04/01/2009	18.30	Condennsor Tube Leakage & other work	
Koradi Unit 4	115	25/12/2008	05:36	04/01/2009	10.22	Fire In Wind Box	
REL 2	250	02/01/2009	24.00		Continued.	Problem in Boiler Drum Safety Valve.	06/01/2009
Uran Unit 8	108	03/01/2009	02.21		Continued.	Gas Restriction	
Cent_Sect TARAPUR-3	540	04/01/2009	01.47		Continued.	C.W.Pump Tripped	06/01/2009
Bhusawal Unit 2	210	04/01/2009	09.58		Continued.	Drum Leakages	06/01/2009
Koradi Unit 3	105	04/01/2009	21.49		Continued.	Water wall Tube leakage	07/01/2009
REL 1	250	05/01/2009	03.06	05/01/2009	05.03	GT.Bucholz Operated.	

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/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	80
Unit 5	200	160
Unit 6	210	160
Unit 7	210	200
	1040	740
Bhusawal		
Unit 1	58	50
Unit 2	210	0
Unit 3	210	180
	478	230
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	145
Unit 4	210	125
Unit 5	210	0
Unit 6	250	240
	940	550
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	205
Unit 5	500	300
Unit 6	500	400
Unit 7	500	400
	2340	1840
Paras		
Unit 2	55	50
Unit 3	250	160
	305	210
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	0
	840	510
Nasik		
Unit 1	120	100
Unit 2	120	0
Unit 3	210	205
Unit 4	210	200
Unit 5	210	190
	870	695
Uran		
All Units	852	485
	852	485
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	54
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	12
GHATGHAR	250	0
	611	241
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	0
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1757
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3695
	3143	3695

	17146	12673
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