



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Jan/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.786	1192.633	1) Madhya Pradesh	57.871	633.222
2) Hydro	9.268	92.144	2) Gujrat	15.859	135.348
3) Gas	7.703	94.176	3) Goa	-5.320	-52.217
Total MSGENCO	138.757	1378.953	4) TAPS 1&2 (Inj.)	3.606	36.442
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	15.000	140.816	# Total Cent. Sector	72.016	752.799
2) Wind Generation	1.431	17.114	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	1.715	3.583
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	24.706	260.241	1) MSEDCL Bilateral	11.492	111.463
2) TPCL Hydro	3.910	35.886	Include PX	3.525	37.785
TOTAL TPCL	28.616	296.127	2) MUMBAI Bilateral	-1.112	4.972
3) REL Thermal	12.711	107.136	Include PX	0.000	2.090
D) STATE			3) MUMBAI Schedule	-1.112	4.972
1) Thermal (A1+C1+C3)	159.203	1560.010	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.178	128.433	1) MSEDCL	228.919	2294.071
3) Gas (A3+B1)	22.703	234.992	2) TPCL	26.145	269.159
4) Wind (B2)	1.431	17.114	3) REL	13.467	130.524
TOTAL STATE	196.515	1940.549	TOTAL STATE	268.531	2693.754

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	5062	5411	4954
MSGENCO Hydro	474	556	135
MSGENCO Gas	264	649	0
MSGENCO Total Generation	5800	6616	5089
Central Sector Receipt	3335	3002	2284
RGPPL	621	626	628
WIND	89	38	36
Exchange with TPCL	-44	-35	277
MSEDCL DEMAND MET	9801	10247	8314
Load Shedding	4247	4076	215
MSEDCL DEMAND (INCL. LS)	14048	14323	8529
TPCL GENERATION	1449	1463	946
REL GENERATION	530	530	531
TPCL+REL DEMAND	2023	2028	1200
STATE DEMAND MET	11824	12275	9514
STATE DEMAND (INCL. LS)	16071	16351	9729
Frequency (Hz)	49.06	49.22	49.58
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4807 MW At 13.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			70.72 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.92 Hz at 01.10 Hrs	48.79 Hz at 10.12 Hrs	49.28	10.69 % 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 10/Jan/2009

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Stage 3	0.79	10.09	226	0	320
Unit 1	0.90	13.41	90	0	65		4.70	57.28			1170
Unit 2	1.37	16.72	72	30	65	Hydro					
Unit 3	1.23	12.35	68	32	60	KDPH	0.46	2.15	19	19	18
Unit 4	1.10	9.13	68	35	60	VTRNA	1.06	5.72	61	0	60
Unit 5	2.75	27.74	145	0	130	TILLARI	0.39	3.73	60	0	60
Unit 6	3.21	35.35	146	101	140	BHTGR/VEER	1.06	10.86	44	44	44
Unit 7	3.19	39.02	142	116	120	BHIRA T.R.	0.17	1.67	81	0	80
	13.74	153.73			640	RNGR+BHTSA	0.43	4.09	18	18	18
Bhusawal						BHANDARDRA	0.57	2.59	30	14	0
Unit 1	1.30	12.44	58	41	50	ELDARY	0.00	0.00	0	0	0
Unit 2	4.26	29.12	191	136	190	PAITHAN	0.06	0.49	12	0	12
Unit 3	4.46	43.92	197	147	190	GHATGHAR	0.38	3.57	125	0	0
	10.02	85.48			430		4.57	34.87			292
Parli						PENCH (MS)					
Unit 1	0.57	5.87	25	22	20	Pench (MS)	0.00	0.40	0	0	
Unit 2	0.56	5.82	24	22	20		0.00	0.40			
Unit 3	3.21	35.33	147	101	130	Wind					
Unit 4	4.08	39.16	196	140	175	MalharPeth	0.10	0.84			
Unit 5	0.00	0.00	0	0	0	Vankuswadi	0.26	1.90			
Unit 6	5.60	50.20	255	178	245	ATIT	0.02	0.16			
	14.01	136.38			590	Kale	0.08	0.35			
Chandrapur						Satara	0.08	0.65			
Unit 1	4.02	40.79	178	159	165	Shirala	0.06	0.35			
Unit 2	3.87	38.76	165	159	160	K Mahankal	0.02	0.14			
Unit 3	5.11	50.69	212	207	210	Supa	0.02	0.55			
Unit 4	4.82	47.69	211	168	210	Vita	0.48	2.62			
Unit 5	9.58	96.49	462	356	450	Dondaicha	0.11	5.77			
Unit 6	9.99	97.26	461	372	450	Sakri	0.02	1.10			
Unit 7	9.48	87.77	430	369	400	Nandurbar	0.02	0.80			
	46.87	459.45			2045	Khadakale	0.15	1.53			
Paras						Khaparale	0.00	0.36			
Unit 2	1.01	9.89	46	36	40		1.43	17.11			
Unit 3	4.53	41.18	222	153	160	Dabhol					
	5.54	51.07			200	RGPPPL II	15.00	140.82	633	613	300
Khaparkheda						RGPPPL III		0.00	0	0	
Unit 1	4.42	43.16	214	170	200		15.00	140.82			300
Unit 2	4.27	44.09	200	162	200	Tata					
Unit 3	4.41	44.29	211	172	200	Trombay 4	2.27	11.61	102	53	500
Unit 4	1.31	1.31	129	0	0	Trombay 5	12.12	120.98	505	505	500
	14.42	132.85			600	Trombay 6	8.11	100.36	510	210	150
Nasik						Trombay 7A	1.75	17.09	127	0	0
Unit 1	2.28	22.87	103	86	90	Trombay 7B	0.46	10.20	70	0	0
Unit 2	2.18	11.29	98	82	100	TATA Hydro	3.91	35.89	378	2	447
Unit 3	4.40	48.68	206	167	200		28.62	296.13			1597
Unit 4	4.13	46.78	192	147	200	REL					
Unit 5	4.19	44.06	192	157	190	1&2	12.71	107.14	531	528	500
	17.18	173.68			780		12.71	107.14			500
Uran						Cent Sect					
All Units	7.70	94.18	654	0	150	Share					3500
	7.70	94.18			150						3500
Koyna						MS					
Stage 1-2	2.28	19.52	220	40	600	Thermal+Gas	129.49	1286.81			5435
Stage 4	1.62	27.66	473	0	250	PG	9.27	92.14			1462
Koyna 12&4 Total	3.91	47.19			850	CL	138.76	1378.95			6897
						State Total	196.52	1940.55			12794

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 10/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	4998	135	0	5133	625	40	2529	2184	243	269	8251	1034	9285	1267	10552	49.39
2	4954	135	0	5089	628	36	2639	2284	243	277	8314	215	8529	1200	9729	49.58
3	4899	135	0	5034	628	38	2665	2527	243	282	8509	215	8724	1106	9830	49.68
4	4962	135	0	5097	628	42	2666	2600	243	285	8652	215	8867	1102	9969	49.54
5	5014	160	0	5174	629	51	2667	2704	243	280	8838	960	9798	1081	10879	49.34
6	5016	285	27	5328	630	63	2623	2754	247	272	9047	2844	11891	1135	13026	49.13
7	5197	238	34	5469	629	78	2662	2832	247	263	9271	3694	12965	1297	14262	49.31
8	5208	215	145	5568	629	113	3084	3048	263	280	9638	3886	13524	1383	14907	49.18
9	5201	269	205	5675	632	106	3143	3219	188	203	9835	4071	13906	1604	15510	49.10
10	5238	455	236	5929	630	95	3315	3322	28	40	10016	4033	14049	1866	15915	49.10
11	5062	474	264	5800	621	89	3391	3335	-53	-44	9801	4247	14048	2023	16071	49.06
12	4972	637	264	5873	615	70	3380	3344	-53	-44	9858	4182	14040	2071	16111	49.06
13	4956	898	377	6231	613	44	3347	3281	-53	-30	10139	4102	14241	2048	16289	49.10
14	4883	756	370	6009	618	37	3370	3463	-53	-31	10096	4011	14107	1907	16014	49.34
15	4903	628	406	5937	615	35	3391	3300	-53	-25	9862	4094	13956	1914	15870	49.23
16	4885	313	495	5693	613	29	3394	3387	-53	-28	9694	4267	13961	1886	15847	49.07
17	5011	437	542	5990	620	31	3352	3411	-153	-128	9924	4003	13927	1916	15843	49.24
18	5271	547	508	6326	622	27	3124	3010	-111	-85	9900	3986	13886	1858	15744	49.20
19	5341	721	583	6645	624	25	3418	3099	-97	-68	10325	3818	14143	2001	16144	49.18
20	5411	556	649	6616	626	38	3023	3002	-67	-35	10247	4076	14323	2028	16351	49.22
21	5395	436	654	6485	629	44	3026	3211	-67	-39	10330	3776	14106	1935	16041	49.29
22	5102	272	653	6027	630	73	3067	3207	-106	-82	9855	3559	13414	1771	15185	49.39
23	4928	217	651	5796	633	88	3100	2675	-108	-79	9113	2666	11779	1693	13472	49.33
24	4909	212	637	5758	632	119	3008	2869	-45	-18	9360	178	9538	1520	11058	49.57
MUs	121.72	9.27	7.70	138.68	15.00	1.41	73.38	72.07	1.11	1.72	228.88	72.13	301.01	39.61	340.62	49.28

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 10/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
Khaparkheda Unit 4	210	09/12/2008	23:51	10/01/2009	12.09	Annual Overhaul	
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
Uran Unit 6	108	07/01/2009	10.21	10/01/2009	05.30	Gas Restriction	
Uran Unit 8	108	07/01/2009	13.28	10/01/2009	07.37	Gas Restriction	
Uran Unit 7	108	07/01/2009	13.54	10/01/2009	12.18	Gas Restriction	
Uran Unit A0	120	07/01/2009	13.54	10/01/2009	11.13	Gas Restriction	
Uran Unit B0	120	07/01/2009	15.00	10/01/2009	16.20	Gas Restriction	
Tata Trombay 7B	60	07/01/2009	15.26	10/01/2009	16.27	Gas Restriction	
Tata Trombay 7A	120	07/01/2009	15.51	10/01/2009	07.41	Gas Restriction	
Uran Unit 5	108	08/01/2009	11:50	10/01/2009	09.27	Gas Restriction	
Cent_Sect sipat-5	500	09/01/2009	22.29	10/01/2009	00.29	Tripped	
Cent_Sect NTPC (K-2)	210	10/01/2009	10.59	10/01/2009	12.29	Boiler Feed Pump Problem	
Koradi Unit 1	105	10/01/2009	14.40		Continued.	NO COAL	
Koradi Unit 5	200	10/01/2009	20.35	10/01/2009	22.48	Furnance pressure high	
Koradi Unit 5	200	11/01/2009	02.53	11/01/2009	05.53	Furnace Pressure High	
Khaparkheda Unit 4	210	11/01/2009	22.37		Continued.	Hydrogen Leakage	

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 11/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			KDPH	40	18
Unit 1	105	0	VTRNA	60	60
Unit 2	105	50	TILLARI	60	60
Unit 3	105	80	BHTGR/VEER	21	44
Unit 4	105	80	BHIRA T.R.	80	80
Unit 5	200	50	RNGR+BHTSA	20	18
Unit 6	210	140	BHANDARDRA	45	0
Unit 7	210	130	ELDARY	23	0
	1040	530	PAITHAN	12	12
Bhusawal			GHATGHAR	250	0
Unit 1	58	50		611	292
Unit 2	210	175	PENCH (MS)		
Unit 3	210	190	Pench (MS)	53	0
	478	415		53	0
Parli			Wind		
Unit 1	30	20	MalharPeth	0	
Unit 2	30	20	Vankuswadi	0	
Unit 3	210	155	ATIT	0	
Unit 4	210	180	Kale	0	
Unit 5	210	0	Satara	0	
Unit 6	250	230	Shirala	0	
	940	605	K Mahankal	0	
Chandrapur			Supa	0	
Unit 1	210	165	Vita	0	
Unit 2	210	160	Dondaicha	0	
Unit 3	210	210	Sakri	0	
Unit 4	210	210	Nandurbar	0	
Unit 5	500	450	Khadakale	0	
Unit 6	500	425	Khaparale	0	
Unit 7	500	400		0	
	2340	2020	Dabhol		
Paras			RGPPL II	740	300
Unit 2	55	40	RGPPL III	740	
Unit 3	250	160		1480	300
	305	200	Tata		
Khaparkheda			Trombay 4	150	50
Unit 1	210	200	Trombay 5	500	505
Unit 2	210	200	Trombay 6	500	500
Unit 3	210	200	Trombay 7A	120	90
Unit 4	210	150	Trombay 7B	60	60
	840	750	TATA Hydro	444	447
Nasik				1774	1652
Unit 1	120	91	REL		
Unit 2	120	81	1&2	500	500
Unit 3	210	187		500	500
Unit 4	210	182	Cent Sect		
Unit 5	210	172	Share	3143	3298
	870	713		3143	3298
Uran					
All Units	852	550			
	852	550			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	320			
	1920	1170			
Hydro					
				17146	12995