



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Jan/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.586	1070.847	1) Madhya Pradesh	62.188	575.351
2) Hydro	7.389	82.876	2) Gujrat	12.238	119.489
3) Gas	0.000	86.473	3) Goa	-5.178	-46.897
Total MSGENCO	127.975	1240.196	4) TAPS 1&2 (Inj.)	3.620	32.836
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	14.665	125.816	# Total Cent. Sector	72.868	680.783
2) Wind Generation	1.948	15.683	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	0.357	1.868
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.335	235.535	1) MSEDCL Bilateral	11.568	99.971
2) TPCL Hydro	3.753	31.976	Include PX	4.967	34.260
TOTAL TPCL	29.088	267.511	2) MUMBAI Bilateral	0.077	6.083
3) REL Thermal	12.711	94.425	Include PX	0.000	2.090
D) STATE			3) MUMBAI Schedule	0.077	6.083
1) Thermal (A1+C1+C3)	158.632	1400.807	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.142	115.255	1) MSEDCL	217.813	2065.152
3) Gas (A3+B1)	14.665	212.289	2) TPCL	27.811	243.014
4) Wind (B2)	1.948	15.683	3) REL	13.632	117.057
TOTAL STATE	186.387	1744.034	TOTAL STATE	259.256	2425.223

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	5174	5171	4707
MSGENCO Hydro	346	841	161
MSGENCO Gas	0	0	0
MSGENCO Total Generation	5520	6012	4868
Central Sector Receipt	3351	3316	2845
RGPPL	626	625	590
WIND	119	36	82
Exchange with TPCL	-140	-134	255
MSEDCL DEMAND MET	9476	9855	8640
Load Shedding	4818	3871	125
MSEDCL DEMAND (INCL. LS)	14294	13726	8765
TPCL GENERATION	1416	1554	928
REL GENERATION	530	529	530
TPCL+REL DEMAND	2086	2217	1203
STATE DEMAND MET	11562	12072	9843
STATE DEMAND (INCL. LS)	16380	15943	9968
Frequency (Hz)	49.09	49.08	49.58
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5405 MW At 09.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			83.84 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.11 Hz at 05.04 Hrs	48.75 Hz at 21.17 Hrs	49.25	23.03 % 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 09/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.38	12.51	78	36	60
Unit 2	1.58	15.36	88	46	50
Unit 3	1.53	11.12	85	41	60
Unit 4	1.22	8.03	76	30	60
Unit 5	2.19	24.99	168	0	0
Unit 6	3.42	32.15	165	122	160
Unit 7	3.22	35.84	158	106	170
	14.54	139.99			560
Bhusawal					
Unit 1	1.29	11.14	59	46	50
Unit 2	4.51	24.86	197	178	180
Unit 3	4.66	39.46	197	184	190
	10.46	75.46			420
Parli					
Unit 1	0.59	5.30	26	23	20
Unit 2	0.57	5.26	26	21	20
Unit 3	3.73	32.12	168	123	170
Unit 4	4.28	35.08	201	146	190
Unit 5	0.00	0.00	0	0	0
Unit 6	5.36	44.60	251	140	200
	14.53	122.37			600
Chandrapur					
Unit 1	3.98	36.77	175	160	170
Unit 2	3.88	34.89	167	156	160
Unit 3	5.11	45.58	212	139	210
Unit 4	4.68	42.87	208	167	210
Unit 5	10.13	86.91	462	355	425
Unit 6	10.13	87.27	464	352	450
Unit 7	7.34	78.29	422	272	300
	45.26	412.58			1925
Paras					
Unit 2	0.98	8.88	45	35	50
Unit 3	3.62	36.64	220	0	150
	4.60	45.52			200
Khaparkheda					
Unit 1	4.41	38.73	210	169	200
Unit 2	4.41	39.82	202	169	200
Unit 3	4.44	39.88	212	172	200
Unit 4	0.00	0.00	0	0	0
	13.26	118.43			600
Nasik					
Unit 1	2.38	20.59	104	92	95
Unit 2	2.24	9.10	98	86	100
Unit 3	4.54	44.28	210	165	205
Unit 4	4.45	42.65	205	162	200
Unit 5	4.33	39.86	196	165	190
	17.94	156.49			790
Uran					
All Units	0.00	86.47	0	0	0
	0.00	86.47			0
Koyna					
Stage 1-2	2.04	17.24	185	40	600
Stage 4	0.52	26.04	230	0	250
Koyna 12&4 Total	2.56	43.28			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.44	9.29	138	0	320
	3.01	52.58			1170
Hydro					
KDPH	0.46	1.69	20	18	18
VTRNA	0.79	4.67	61	0	60
TILLARI	0.37	3.34	60	0	60
BHTGR/VEER	1.08	9.81	45	44	44
BHIRA T.R.	0.16	1.50	77	0	80
RNGR+BHTSA	0.44	3.65	19	18	18
BHANDARDRA	0.54	2.02	30	14	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.07	0.43	12	0	12
GHATGHAR	0.47	3.19	125	0	0
	4.38	30.30			292
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.09	0.74			
Vankuswadi	0.16	1.64			
ATIT	0.01	0.14			
Kale	0.02	0.27			
Satara	0.05	0.56			
Shirala	0.02	0.29			
K Mahankal	0.02	0.12			
Supa	0.13	0.53			
Vita	0.33	2.14			
Dondaicha	0.33	5.67			
Sakri	0.05	1.08			
Nandurbar	0.04	0.78			
Khadakale	0.70	1.38			
Khaparale	0.01	0.36			
	1.95	15.68			
Dabhol					
RGPP L II	14.66	125.82	631	557	0
RGPP L III	0.00	0.00	0	0	300
	14.66	125.82			300
Tata					
Trombay 4	2.70	9.34	123	100	150
Trombay 5	12.12	108.86	505	505	500
Trombay 6	10.51	92.26	510	250	500
Trombay 7A	0.00	15.35	0	0	0
Trombay 7B	0.00	9.74	0	0	0
TATA Hydro	3.75	31.98	441	2	447
	29.09	267.51			1597
REL					
1&2	12.71	94.42	531	528	500
	12.71	94.42			500
Cent Sect					
Share					3493
					3493

MS PG CL	Thermal+Gas	120.59	1157.32		5095
	Hydro	7.39	82.88		1462
	Total	127.98	1240.20		6557
State Total		186.39	1744.03		12447

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	4731	166	0	4897	604	83	2414	2834	234	250	8668	125	8793	1280	10073	49.45
2	4707	161	0	4868	590	82	2409	2845	234	255	8640	125	8765	1203	9968	49.58
3	4739	152	0	4891	580	106	2408	3012	234	254	8843	125	8968	1135	10103	49.62
4	4766	155	0	4921	577	102	2410	3075	234	249	8924	860	9784	1139	10923	49.63
5	4860	157	0	5017	564	98	2419	2959	234	251	8889	1979	10868	1135	12003	49.69
6	4976	223	0	5199	557	110	2669	2880	247	262	9008	2888	11896	1144	13040	49.47
7	5105	172	0	5277	610	117	2626	2459	247	265	8728	4424	13152	1273	14425	49.52
8	5186	249	0	5435	623	141	3137	2993	188	204	9396	4339	13735	1495	15230	49.15
9	5173	318	0	5491	628	155	3296	3093	38	53	9420	5057	14477	1681	16158	49.17
10	5156	381	0	5537	631	132	3474	3347	-122	-114	9533	4842	14375	1972	16347	49.10
11	5174	346	0	5520	626	119	3466	3351	-153	-140	9476	4818	14294	2086	16380	49.09
12	5130	359	0	5489	613	99	3458	3266	-153	-136	9331	4623	13954	2148	16102	49.12
13	5074	339	0	5413	614	74	3459	3515	-153	-138	9478	4454	13932	2034	15966	49.20
14	5042	317	0	5359	618	49	3507	3411	-153	-135	9302	4515	13817	2050	15867	49.22
15	5015	183	0	5198	615	47	3508	3358	-153	-138	9080	4384	13464	2044	15508	49.08
16	4902	165	0	5067	615	54	3509	3355	-153	-138	8953	4445	13398	2053	15451	48.96
17	4865	337	0	5202	619	57	3512	3453	-153	-146	9185	4248	13433	2060	15493	49.06
18	4977	659	0	5636	624	41	3375	3310	-134	-120	9491	4194	13685	2055	15740	49.13
19	5171	841	0	6012	625	36	3513	3316	-145	-134	9855	3871	13726	2217	15943	49.08
20	5354	692	0	6046	628	43	3070	2925	-114	-107	9535	4182	13717	2213	15930	49.14
21	5199	552	0	5751	628	67	3072	3038	-114	-81	9403	3930	13333	1977	15310	49.10
22	5116	505	0	5621	630	52	3066	2966	-109	-75	9194	3683	12877	1854	14731	49.06
23	5154	287	0	5441	623	39	3021	2673	-108	-74	8702	3559	12261	1677	13938	49.10
24	5129	195	0	5324	623	43	2815	2386	-45	-10	8366	2890	11256	1517	12773	49.16
MUs	120.70	7.91	0.00	128.61	14.66	1.95	73.61	73.82	-0.08	0.36	219.40	82.56	301.96	41.44	343.40	49.25

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 09/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		Continued.	Annual Overhaul	09/01/2009
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
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		Continued.	Gas Restriction	
Uran Unit 7	108	07/01/2009	13.54		Continued.	Gas Restriction	
Uran Unit A0	120	07/01/2009	13.54		Continued.	Gas Restriction	
Uran Unit B0	120	07/01/2009	15.00		Continued.	Gas Restriction	
Tata Trombay 7B	60	07/01/2009	15.26		Continued.	Gas Restriction	
Tata Trombay 7A	120	07/01/2009	15.51		Continued.	Gas Restriction	
Uran Unit 5	108	08/01/2009	11:50		Continued.	Gas Restriction	
Koradi Unit 5	200	09/01/2009	00.13	09/01/2009	04.08	Furnace Pressure High	
Koradi Unit 5	200	09/01/2009	05.49	09/01/2009	08.00	Boiler Trip.	
Paras Unit 3	250	09/01/2009	15.15	09/01/2009	17.28	Coal Mill Problem	
Cent_Sect sipat-5	500	09/01/2009	22.29	10/01/2009	00.29	Tripped	

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	65
Unit 3	105	60
Unit 4	105	60
Unit 5	200	130
Unit 6	210	140
Unit 7	210	120
	1040	640
Bhusawal		
Unit 1	58	50
Unit 2	210	190
Unit 3	210	190
	478	430
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	130
Unit 4	210	175
Unit 5	210	0
Unit 6	250	245
	940	590
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	400
	2340	2045
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	0
	840	600
Nasik		
Unit 1	120	90
Unit 2	120	100
Unit 3	210	200
Unit 4	210	200
Unit 5	210	190
	870	780
Uran		
All Units	852	150
	852	150
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	18
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	44
BHIRA T.R.	80	80
RNGR+BHTSA	20	18
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	12
GHATGHAR	250	0
	611	292
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	500
Trombay 5	500	500
Trombay 6	500	150
Trombay 7A	120	0
Trombay 7B	60	0
TATA Hydro	444	447
	1774	1597
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3500
	3143	3500