



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Jan/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.266	950.261	1) Madhya Pradesh	60.631	513.163
2) Hydro	11.648	75.487	2) Gujrat	13.640	107.251
3) Gas	0.317	86.473	3) Goa	-5.178	-41.719
Total MSGENCO	133.231	1112.221	4) TAPS 1&2 (Inj.)	3.646	29.216
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	15.013	111.151	# Total Cent. Sector	72.739	607.915
2) Wind Generation	2.024	13.735	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	2.691	1.511
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.499	210.200	1) MSEDCL Bilateral	11.720	88.403
2) TPCL Hydro	4.108	28.223	Include PX	0.990	29.293
TOTAL TPCL	29.607	238.423	2) MUMBAI Bilateral	-2.325	6.006
3) REL Thermal	12.712	81.714	Include PX	0.000	2.090
D) STATE			3) MUMBAI Schedule	-2.325	6.006
1) Thermal (A1+C1+C3)	159.477	1242.175	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.756	104.113	1) MSEDCL	225.698	1847.339
3) Gas (A3+B1)	15.330	197.624	2) TPCL	26.451	215.203
4) Wind (B2)	2.024	13.735	3) REL	13.177	103.425
TOTAL STATE	192.587	1557.647	TOTAL STATE	265.326	2165.967

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	4995	5293	4831
MSGENCO Hydro	970	676	176
MSGENCO Gas	36	0	16
MSGENCO Total Generation	6001	5969	5023
Central Sector Receipt	3072	3401	2603
RGPPL	629	630	629
WIND	166	69	58
Exchange with TPCL	187	-80	248
MSEDCL DEMAND MET	10055	9989	8561
Load Shedding	4350	4525	104
MSEDCL DEMAND (INCL. LS)	14405	14514	8665
TPCL GENERATION	1609	1412	871
REL GENERATION	530	531	530
TPCL+REL DEMAND	1952	2023	1153
STATE DEMAND MET	12007	12012	9714
STATE DEMAND (INCL. LS)	16357	16537	9818
Frequency (Hz)	49.09	49.31	49.53
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5358 MW At 11.00 Hr
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			85.52 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.1 Hz at 05.06 Hrs	48.79 Hz at 17.13 Hrs	49.37	6.47 % 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 08/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.49	11.13	80	36	70
Unit 2	1.56	13.77	79	40	70
Unit 3	1.43	9.59	77	30	40
Unit 4	1.41	6.81	83	29	40
Unit 5	3.20	22.81	149	94	150
Unit 6	3.32	28.72	152	110	140
Unit 7	3.28	32.62	154	110	150
	15.68	125.44			660
Bhusawal					
Unit 1	1.28	9.85	58	50	50
Unit 2	4.35	20.35	193	165	180
Unit 3	4.69	34.80	206	179	190
	10.32	65.00			420
Parli					
Unit 1	0.61	4.71	28	24	20
Unit 2	0.59	4.69	26	23	20
Unit 3	3.90	28.40	186	124	140
Unit 4	4.10	30.80	197	129	140
Unit 5	0.00	0.00	0	0	0
Unit 6	4.44	39.25	216	123	220
	13.63	107.85			540
Chandrapur					
Unit 1	4.12	32.79	177	162	165
Unit 2	3.91	31.02	166	160	160
Unit 3	5.08	40.47	213	210	210
Unit 4	4.85	38.18	208	177	205
Unit 5	10.19	76.77	477	342	400
Unit 6	10.14	77.14	460	356	425
Unit 7	7.40	70.94	367	276	300
	45.70	367.32			1865
Paras					
Unit 2	0.85	7.90	46	22	40
Unit 3	4.20	33.02	214	144	160
	5.05	40.92			200
Khaparkheda					
Unit 1	4.40	34.32	211	170	170
Unit 2	4.37	35.41	199	171	170
Unit 3	4.37	35.44	202	170	170
Unit 4	0.00	0.00	0	0	0
	13.13	105.17			510
Nasik					
Unit 1	2.15	18.22	103	68	110
Unit 2	2.04	6.86	96	0	110
Unit 3	4.88	39.74	219	186	205
Unit 4	4.34	38.20	204	159	200
Unit 5	4.36	35.53	194	165	190
	17.76	138.56			815
Uran					
All Units	0.32	86.47	64	0	20
	0.32	86.47			20
Koyna					
Stage 1-2	2.34	15.20	235	30	600
Stage 4	3.99	25.52	544	0	250
Koyna 12&4 Total	6.33	40.72			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.28	8.85	160	0	320
	7.61	49.57			1170
Hydro					
KDPH	0.46	1.22	20	19	18
VTRNA	0.46	3.88	61	0	60
TILLARI	0.40	2.97	60	0	60
BHTGR/VEER	1.06	8.73	44	44	46
BHIRA T.R.	0.19	1.34	77	0	80
RNGR+BHTSA	0.43	3.21	18	18	16
BHANDARDRA	0.72	1.48	30	30	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.07	0.36	12	0	12
GHATGHAR	0.25	2.72	125	0	0
	4.04	25.92			292
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.09	0.65			
Vankuswadi	0.20	1.48			
ATIT	0.01	0.13			
Kale	0.05	0.24			
Satara	0.06	0.52			
Shirala	0.05	0.27			
K Mahankal	0.02	0.10			
Supa	0.09	0.40			
Vita	0.32	1.81			
Dondaicha	0.53	5.34			
Sakri	0.11	1.03			
Nandurbar	0.09	0.73			
Khadakale	0.37	0.68			
Khaparale	0.04	0.35			
	2.02	13.74			
Dabhol					
RGPP L II	15.01	111.15	631	613	300
RGPP L III		0.00	0	0	0
	15.01	111.15			300
Tata					
Trombay 4	2.87	6.64	137	102	150
Trombay 5	12.11	96.74	505	500	500
Trombay 6	10.52	81.74	510	200	500
Trombay 7A	0.00	15.35	0	0	0
Trombay 7B	0.00	9.74	0	0	0
TATA Hydro	4.11	28.22	473	2	447
	29.61	238.42			1597
REL					
1&2	12.71	81.71	531	528	500
	12.71	81.71			500
Cent Sect					
Share					3297
					3297

MS	Thermal+Gas	121.58	1036.73		5030
PG	Hydro	11.65	75.49		1462
CL	Total	133.23	1112.22		6492
State Total		192.59	1557.65		12186

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	4817	156	16	4989	629	78	2499	2440	234	250	8386	820	9206	1193	10399	49.55
2	4831	176	16	5023	629	58	2499	2603	234	248	8561	104	8665	1153	9818	49.53
3	4822	161	17	5000	629	55	2499	2785	234	252	8721	856	9577	1088	10665	49.64
4	4825	156	17	4998	626	52	2504	2842	234	250	8768	1376	10144	1097	11241	49.75
5	4937	156	23	5116	627	53	2505	2764	234	249	8809	1888	10697	1178	11875	49.73
6	5043	201	25	5269	627	67	2584	2950	247	263	9176	2628	11804	1196	13000	49.61
7	5125	206	25	5356	626	84	2705	2560	247	263	8889	3929	12818	1285	14103	49.62
8	5229	221	26	5476	627	92	2814	2758	388	398	9351	4178	13529	1419	14948	49.22
9	5104	502	33	5639	629	119	2924	3013	288	302	9702	4390	14092	1612	15704	49.12
10	5143	626	64	5833	631	157	3042	3192	228	235	10048	4325	14373	1869	16242	49.19
11	4995	970	36	6001	629	166	3089	3072	197	187	10055	4350	14405	1952	16357	49.09
12	4945	865	19	5829	621	135	3107	3138	-3	2	9725	4410	14135	2141	16276	49.06
13	4970	802	0	5772	621	105	3272	3285	-53	-25	9758	4347	14105	2023	16128	49.25
14	5011	746	0	5757	622	87	3250	3350	-28	9	9825	4297	14122	1872	15994	49.30
15	5054	669	0	5723	621	77	3201	3255	22	50	9726	4154	13880	1872	15752	49.26
16	5003	571	0	5574	623	71	3151	3303	72	101	9672	4239	13911	1859	15770	49.31
17	5055	977	0	6032	623	83	3059	3137	72	95	9970	4011	13981	1866	15847	49.26
18	5169	859	0	6028	625	84	3076	3037	41	66	9840	4087	13927	1868	15795	49.33
19	5230	872	0	6102	629	65	3191	3340	-67	-39	10097	4127	14224	1997	16221	49.29
20	5293	676	0	5969	630	69	3100	3401	-114	-80	9989	4525	14514	2023	16537	49.31
21	5314	415	0	5729	630	67	3344	3336	-114	-117	9645	4278	13923	1923	15846	49.13
22	5241	336	0	5577	630	56	3341	3241	-109	-111	9393	4002	13395	1798	15193	49.12
23	5109	188	0	5297	616	68	3384	3082	-108	-111	8952	3572	12524	1711	14235	49.54
24	5001	141	0	5142	613	69	3121	2833	-45	-46	8611	970	9581	1633	11214	49.63
MUs	121.27	11.65	0.32	133.23	15.01	2.02	71.26	72.72	2.33	2.69	225.67	79.86	305.53	39.63	345.16	49.37

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 08/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
Cent_Sect TARAPUR-3	540	04/01/2009	01.47	08/01/2009	08:27	C.W.Pump Tripped	
Uran Unit 6	108	07/01/2009	10.21		Continued.	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	
Nasik Unit 2	125	08/01/2009	07:55	08/01/2009	09:40	C.W.Pump Tripped	
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		Continued.	Boiler Trip.	

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	50
Unit 3	105	60
Unit 4	105	60
Unit 5	200	0
Unit 6	210	160
Unit 7	210	170
	1040	560
Bhusawal		
Unit 1	58	50
Unit 2	210	180
Unit 3	210	190
	478	420
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	190
Unit 5	210	0
Unit 6	250	200
	940	600
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	425
Unit 6	500	450
Unit 7	500	300
	2340	1925
Paras		
Unit 2	55	50
Unit 3	250	150
	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	95
Unit 2	120	100
Unit 3	210	205
Unit 4	210	200
Unit 5	210	190
	870	790
Uran		
All Units	852	0
	852	0
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	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		
RGPPL II	740	0
RGPPL III	740	300
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	500
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	3493
	3143	3493