



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Jan/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.630	1318.263	1) Madhya Pradesh	57.915	691.137
2) Hydro	6.001	98.145	2) Gujrat	16.199	151.547
3) Gas	14.078	108.254	3) Goa	-5.166	-57.383
Total MSGENCO	145.709	1524.662	4) TAPS 1&2 (Inj.)	3.608	40.050
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	15.021	155.837	# Total Cent. Sector	72.556	825.355
2) Wind Generation	2.976	20.090	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	2.882	6.465
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	24.754	284.995	1) MSEDCL Bilateral	11.361	122.825
2) TPCL Hydro	0.034	35.920	Include PX	0.867	38.652
TOTAL TPCL	24.788	320.915	2) MUMBAI Bilateral	-2.305	2.667
3) REL Thermal	12.720	119.856	Include PX	0.000	2.090
D) STATE			3) MUMBAI Schedule	-2.305	2.667
1) Thermal (A1+C1+C3)	163.104	1723.114	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	6.035	134.468	1) MSEDCL	239.144	2533.215
3) Gas (A3+B1)	29.099	264.091	2) TPCL	22.599	291.758
4) Wind (B2)	2.976	20.090	3) REL	12.028	142.552
TOTAL STATE	201.214	2141.763	TOTAL STATE	273.771	2967.525

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	5328	5480	4881
MSGENCO Hydro	305	357	161
MSGENCO Gas	636	486	604
MSGENCO Total Generation	6269	6323	5646
Central Sector Receipt	3175	3316	2396
RGPPL	621	629	629
WIND	143	62	177
Exchange with TPCL	143	-187	185
MSEDCL DEMAND MET	10351	10143	9033
Load Shedding	4211	3823	89
MSEDCL DEMAND (INCL. LS)	14562	13966	9122
TPCL GENERATION	1167	1084	871
REL GENERATION	529	530	531
TPCL+REL DEMAND	1553	1801	1217
STATE DEMAND MET	11904	11944	10250
STATE DEMAND (INCL. LS)	16115	15767	10339
Frequency (Hz)	49.30	49.58	49.85
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4420 MW At 11.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			59.66 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.34 Hz at 02.10 Hrs	48.86 Hz at 12.31 Hrs	49.58	.78 % 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 11/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	13.41	0	0	0
Unit 2	1.67	18.39	79	56	50
Unit 3	1.60	13.94	82	36	80
Unit 4	1.33	10.46	78	44	80
Unit 5	2.78	30.52	149	0	50
Unit 6	3.41	38.76	156	126	140
Unit 7	3.24	42.26	156	102	130
	14.02	167.75			530
Bhusawal					
Unit 1	1.31	13.75	59	52	50
Unit 2	4.48	33.60	194	157	175
Unit 3	4.46	48.38	194	172	190
	10.26	95.74			415
Parli					
Unit 1	0.62	6.49	28	24	20
Unit 2	0.62	6.44	27	24	20
Unit 3	4.04	39.37	177	146	155
Unit 4	4.45	43.61	200	169	180
Unit 5	0.00	0.00	0	0	0
Unit 6	5.48	55.68	254	164	230
	15.21	151.60			605
Chandrapur					
Unit 1	4.06	44.86	175	166	165
Unit 2	3.93	42.69	166	162	160
Unit 3	5.11	55.80	215	210	210
Unit 4	5.00	52.69	212	198	210
Unit 5	10.10	106.59	456	300	450
Unit 6	10.27	107.53	474	356	425
Unit 7	8.86	96.63	407	318	400
	47.32	506.77			2020
Paras					
Unit 2	1.05	10.94	47	40	40
Unit 3	3.58	44.76	182	119	160
	4.64	55.70			200
Khaparkheda					
Unit 1	4.41	47.56	209	165	200
Unit 2	4.10	48.20	191	156	200
Unit 3	4.36	48.65	202	167	200
Unit 4	3.77	5.08	197	0	150
	16.64	149.50			750
Nasik					
Unit 1	2.33	25.20	105	91	91
Unit 2	2.24	13.53	100	85	81
Unit 3	4.51	53.19	203	169	187
Unit 4	4.36	51.14	202	169	182
Unit 5	4.10	48.16	188	154	172
	17.53	191.21			713
Uran					
All Units	14.08	108.25	655	445	550
	14.08	108.25			550
Koyna					
Stage 1-2	1.20	20.72	120	35	600
Stage 4	0.00	27.66	0	0	250
Koyna 12&4 Total	1.20	48.39			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.05	10.13	38	0	320
	1.25	58.52			1170
Hydro					
KDPH	0.46	2.61	20	19	18
VTRNA	1.25	6.97	61	0	60
TILLARI	0.37	4.10	62	0	60
BHTGR/VEER	1.19	12.05	50	49	44
BHIRA T.R.	0.12	1.79	60	0	80
RNGR+BHTSA	0.33	4.42	16	13	18
BHANDARDRA	0.75	3.34	32	31	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.07	0.56	12	0	12
GHATGHAR	0.21	3.78	113	0	0
	4.75	39.62			292
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.13	0.97			
Vankuswadi	0.40	2.30			
ATIT	0.03	0.19			
Kale	0.12	0.47			
Satara	0.12	0.77			
Shirala	0.09	0.44			
K Mahankal	0.02	0.16			
Supa	0.07	0.62			
Vita	0.91	3.52			
Dondaicha	0.60	6.37			
Sakri	0.11	1.21			
Nandurbar	0.05	0.84			
Khadakale	0.30	1.82			
Khaparale	0.03	0.39			
	2.98	20.09			
Dabhol					
RGPP L II	15.02	155.84	631	609	300
RGPP L III	0.00	0.00	0	0	
	15.02	155.84			300
Tata					
Trombay 4	1.23	12.84	54	50	50
Trombay 5	11.58	132.55	505	445	505
Trombay 6	7.78	108.14	480	150	500
Trombay 7A	2.60	19.70	128	73	90
Trombay 7B	1.57	11.77	71	55	60
TATA Hydro	0.03	35.92	5	0	447
	24.79	320.92			1652
REL					
1&2	12.72	119.86	531	528	500
	12.72	119.86			500
Cent Sect					
Share					3298
					3298

MS	Thermal+Gas	139.71	1426.52		5783
PG	Hydro	6.00	98.14		1462
CL	Total	145.71	1524.66		7245
State Total		201.21	2141.76		12995

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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	4811	161	613	5585	630	165	2756	2681	148	185	9246	89	9335	1292	10627	49.72
2	4881	161	604	5646	629	177	2755	2396	148	185	9033	89	9122	1217	10339	49.85
3	4956	166	603	5725	629	164	2755	2371	148	181	9070	89	9159	1202	10361	49.95
4	4873	183	605	5661	630	179	2756	2599	148	187	9256	89	9345	1181	10526	49.79
5	4824	217	606	5647	630	225	2757	2755	148	186	9443	711	10154	1176	11330	49.56
6	4948	212	614	5774	629	244	2724	2752	152	189	9588	2221	11809	1192	13001	49.51
7	5327	223	648	6198	627	244	2715	2655	152	190	9914	2672	12586	1293	13879	49.69
8	5464	213	654	6331	629	218	3014	2982	293	329	10489	2818	13307	1213	14520	49.26
9	5494	309	655	6458	631	168	3060	3142	243	278	10677	3239	13916	1350	15266	49.22
10	5440	343	653	6436	630	135	3156	3345	171	201	10747	3649	14396	1497	15893	49.50
11	5328	305	636	6269	621	143	3206	3175	116	143	10351	4211	14562	1553	16115	49.30
12	5297	294	640	6231	610	95	3222	3167	96	122	10225	3847	14072	1572	15644	49.32
13	5299	258	632	6189	609	58	3218	3308	96	118	10282	3779	14061	1581	15642	49.22
14	5363	228	614	6205	620	46	3146	3214	146	171	10256	3895	14151	1530	15681	49.63
15	5349	218	591	6158	621	45	3041	3157	196	221	10202	3426	13628	1480	15108	49.70
16	5335	223	591	6149	620	36	3041	3349	241	263	10417	3390	13807	1428	15235	49.53
17	5335	219	591	6145	624	45	3044	3311	237	258	10383	3455	13838	1424	15262	49.60
18	5366	229	592	6187	626	51	3042	3111	211	213	10188	3509	13697	1469	15166	49.61
19	5439	406	578	6423	628	48	3281	3284	65	68	10451	3444	13895	1603	15498	49.61
20	5480	357	486	6323	629	62	3140	3316	-185	-187	10143	3823	13966	1801	15767	49.58
21	5479	415	457	6351	630	66	3146	3259	-185	-178	10128	3519	13647	1728	15375	49.64
22	5412	233	445	6090	630	101	3116	3239	-179	-169	9891	3266	13157	1703	14860	49.58
23	5256	214	446	5916	630	130	3149	3254	-181	-169	9761	0	9761	1628	11389	49.59
24	5163	214	446	5823	629	130	3060	3092	-116	-103	9571	0	9571	1513	11084	49.98
MUs	125.92	6.00	14.00	145.92	15.02	2.98	72.30	72.91	2.30	2.88	239.71	59.23	298.94	34.63	333.57	49.58

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 11/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
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
Koradi Unit 1	105	10/01/2009	14.40		Continued.	NO COAL	
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 12/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	80
Unit 4	105	70
Unit 5	200	140
Unit 6	210	150
Unit 7	210	150
	1040	660
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	170
Unit 4	210	140
Unit 5	210	0
Unit 6	250	210
	940	560
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	450
	2340	2095
Paras		
Unit 2	55	40
Unit 3	250	150
	305	190
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	0
	840	510
Nasik		
Unit 1	120	81
Unit 2	120	91
Unit 3	210	162
Unit 4	210	162
Unit 5	210	162
	870	658
Uran		
All Units	852	600
	852	600
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	15
PAITHAN	12	12
GHATGHAR	250	0
	611	307
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		
RGPL II	740	300
RGPL 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	500
	500	500
Cent Sect		
Share	3143	3140
	3143	3140