



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Jan/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.262	2145.076	1) Madhya Pradesh	75.501	1175.663
2) Hydro	9.148	163.238	2) Gujrat	14.125	273.311
3) Gas	12.175	199.818	3) Goa	-5.317	-96.789
Total MSGENCO	136.585	2508.132	4) TAPS 1&2 (Inj.)	5.765	71.264
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	15.035	261.114	# Total Cent. Sector	90.074	1423.453
2) Wind Generation	2.727	49.718	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-5.165	-35.491
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.742	424.155	1) MSEDCL Bilateral	10.217	197.107
2) TPCL Hydro	0.526	65.652	Include PX	2.827	58.229
TOTAL TPCL	19.268	489.807	2) MUMBAI Bilateral	5.599	47.263
3) REL Thermal	11.742	207.627	Include PX	1.530	14.606
D) STATE			3) MUMBAI Schedule	5.599	47.263
1) Thermal (A1+C1+C3)	145.746	2776.858	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	9.674	229.293	1) MSEDCL	239.256	4207.732
3) Gas (A3+B1)	27.210	460.932	2) TPCL	23.730	491.434
4) Wind (B2)	2.727	49.718	3) REL	12.445	241.485
TOTAL STATE	185.357	3516.801	TOTAL STATE	275.431	4940.651

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4878	4798	4738
MSGENCO Hydro	452	817	190
MSGENCO Gas	510	506	501
MSGENCO Total Generation	5840	6121	5429
Central Sector Receipt	4018	3834	3054
RGPPL	631	628	628
WIND	105	121	146
Exchange with TPCL	-189	-463	-69
MSEDCL DEMAND MET	10405	10241	9188
Load Shedding	4204	3694	0
MSEDCL DEMAND (INCL. LS)	14609	13935	9188
TPCL GENERATION	836	815	771
REL GENERATION	512	528	529
TPCL+REL DEMAND	1537	1806	1369
STATE DEMAND MET	11942	12047	10557
STATE DEMAND (INCL. LS)	16146	15741	10557
Frequency (Hz)	49.53	49.65	50.11
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5077 MW at 10.00 Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			79.542 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.33 Hz at 23.00 Hrs	49.26 Hz at 18.50 Hrs	49.74	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 18/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.41	13.82	61	0	0
Unit 2	1.75	30.31	83	47	50
Unit 3	0.26	23.85	80	0	0
Unit 4	1.54	21.17	84	36	60
Unit 5	3.55	53.53	176	129	140
Unit 6	3.55	63.76	164	130	140
Unit 7	3.57	67.02	178	131	150
	14.62	273.46			540
Bhusawal					
Unit 1	1.23	22.14	58	44	50
Unit 2	4.41	63.83	195	166	190
Unit 3	4.50	79.98	196	171	190
	10.14	165.95			430
Parli					
Unit 1	0.55	10.66	24	20	20
Unit 2	0.57	10.57	26	20	20
Unit 3	2.80	62.18	154	80	80
Unit 4	3.68	61.17	193	119	145
Unit 5	3.19	3.90	167	82	135
Unit 6	5.00	89.67	228	158	210
	15.79	238.15			610
Chandrapur					
Unit 1	4.05	73.29	177	157	170
Unit 2	3.92	69.98	167	160	160
Unit 3	5.12	91.38	212	209	210
Unit 4	4.78	86.64	210	150	210
Unit 5	8.18	178.07	413	288	350
Unit 6	9.78	178.80	460	322	450
Unit 7	9.72	163.68	462	334	450
	45.54	841.84			2000
Paras					
Unit 2	0.55	16.93	25	20	30
Unit 3	1.86	67.90	108	0	100
	2.41	84.83			130
Khaparkheda					
Unit 1	4.60	79.56	202	173	200
Unit 2	4.67	80.20	205	177	200
Unit 3	4.41	80.22	204	161	200
Unit 4	0.00	5.08	0	0	0
	13.68	245.06			600
Nasik					
Unit 1	2.24	39.93	100	86	95
Unit 2	2.15	28.68	98	84	95
Unit 3	4.38	85.30	192	174	200
Unit 4	4.31	78.53	196	168	200
Unit 5	0.00	63.33	0	0	0
	13.08	295.78			590
Uran					
All Units	12.18	199.82	522	488	500
	12.18	199.82			500
Koyna					
Stage 1-2	1.80	30.62	195	30	440
Stage 4	1.57	42.06	279	0	250
Koyna 12&4 Total	3.37	72.68			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.08	15.72	160	0	320
	4.45	88.40			1010
Hydro					
KDPH	0.00	5.53	0	0	36
VTRNA	1.45	15.71	61	60	60
TILLARI	0.38	6.65	60	0	60
BHTGR/VEER	1.18	20.53	49	49	49
BHIRA T.R.	0.16	3.22	57	0	80
RNGR+BHTSA	0.43	6.96	18	18	18
BHANDARDRA	0.79	8.75	33	33	36
ELDARY	0.25	1.73	17	0	15
PAITHAN	0.07	0.89	12	0	12
GHATGHAR	0.00	4.85	0	0	0
	4.70	74.84			366
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	
	0.00	0.40			
Wind					
MalharPeth	0.18	2.95			
Vankuswadi	0.44	6.96			
ATIT	0.04	0.72			
Kale	0.12	2.50			
Satara	0.16	2.61			
Shirala	0.11	1.99			
K Mahankal	0.02	0.37			
Supa	0.08	1.53			
Vita	0.69	10.31			
Dondaicha	0.32	10.33			
Sakri	0.06	1.86			
Nandurbar	0.04	1.34			
Khadakale	0.35	4.84			
Khaparale	0.11	1.40			
	2.73	49.72			
Dabhol					
RGPP L II	15.04	261.11	631	614	300
RGPP L III	0.00	0.00	0	0	0
	15.04	261.11			300
Tata					
Trombay 4	2.82	31.87	135	98	150
Trombay 5	12.00	217.26	505	440	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	2.42	36.09	105	95	120
Trombay 7B	1.49	22.10	64	61	60
TATA Hydro	0.53	65.65	64	2	447
	19.27	489.81			1277
REL					
1&2	11.74	207.63	531	263	500
	11.74	207.63			500
Cent Sect					
Share					3485
					3485

MS	Thermal+Gas	127.44	2344.89		5400
PG	Hydro	9.15	163.24		1376
CL	Total	136.58	2508.13		6776
State Total		185.36	3516.80		12338

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4847	190	503	5540	630	130	2932	3290	-101	-128	9462	0	9462	1433	10895	49.98
2	4738	190	501	5429	628	146	2932	3054	-101	-69	9188	0	9188	1369	10557	50.11
3	4750	210	517	5477	630	132	2946	3159	-101	-63	9335	0	9335	1360	10695	50.03
4	4736	190	519	5445	630	144	2946	3210	-101	-66	9363	0	9363	1359	10722	49.90
5	4750	195	522	5467	629	128	2942	3439	-96	-130	9533	1757	11290	1178	12468	49.79
6	4785	195	522	5502	629	160	3019	3507	-92	-125	9673	2667	12340	1195	13535	49.77
7	4863	200	522	5585	629	165	2952	3639	-92	-132	9886	3164	13050	1213	14263	49.79
8	4815	199	522	5536	628	161	3286	3947	-70	-92	10180	3431	13611	1340	14951	49.73
9	4806	231	522	5559	630	115	3284	3961	-70	-40	10225	4124	14349	1411	15760	49.72
10	4878	452	510	5840	631	105	3460	4018	-216	-189	10405	4204	14609	1537	16146	49.53
11	4831	596	500	5927	630	110	3653	3980	-359	-332	10315	3994	14309	1720	16029	49.60
12	4805	400	498	5703	623	106	3805	4194	-359	-327	10299	3951	14250	1682	15932	49.59
13	4962	357	495	5814	619	84	3798	4296	-345	-317	10496	3901	14397	1649	16046	49.59
14	4930	452	489	5871	618	72	3653	4086	-203	-170	10477	3925	14402	1504	15906	49.59
15	4950	353	489	5792	617	52	3652	4008	-203	-169	10300	3775	14075	1492	15567	49.50
16	4933	323	488	5744	614	57	3653	3965	-203	-170	10210	3842	14052	1491	15543	49.60
17	4892	397	495	5784	622	91	3651	3979	-203	-172	10304	3699	14003	1516	15519	49.55
18	4870	624	500	5994	626	79	3546	3983	-272	-245	10437	3447	13884	1574	15458	49.68
19	4802	882	503	6187	627	95	3619	3996	-323	-292	10613	3462	14075	1635	15710	49.62
20	4798	817	506	6121	628	121	3439	3834	-497	-463	10241	3694	13935	1806	15741	49.65
21	4748	813	508	6069	629	136	3443	3850	-497	-468	10216	3304	13520	1801	15321	49.64
22	4632	476	510	5618	630	110	3432	3880	-486	-457	9781	3235	13016	1783	14799	49.72
23	4581	211	512	5304	629	124	3305	3754	-359	-333	9478	2794	12272	1609	13881	50.00
24	4672	195	513	5380	629	103	3123	3431	-251	-216	9327	579	9906	1518	11424	50.06
MUs	115.37	9.15	12.17	136.69	15.04	2.73	80.47	90.46	-5.60	-5.16	239.74	66.95	306.69	36.18	342.87	49.74

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 18/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
Tata Trombay 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
Koyna Unit 5	80	14/01/2009	08.40		Continued.	Maintenance work	19/01/2009
Koyna Unit 6	75	14/01/2009	08.50		Continued.	Maintenance work	19/01/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	13/02/2009
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	18/01/2009	14:22	NO COAL	
Khaparkheda Unit 4	210	11/01/2009	22.37		Continued.	Hydrogen Leakage	19/01/2009
Uran Unit 5	108	15/01/2009	13:25		Continued.	Gas Restriction	
Nasik Unit 5	210	15/01/2009	21:00	19/01/2009	05.00	ID Fan Vibration+ESP Work	18/01/2009
REL 1	250	18/01/2009	03.58	18/01/2009	06.52	Turbine Prot.	
Paras Unit 3	250	18/01/2009	19:18	18/01/2009	23:35	Flame Failure	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jan/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	16/01/2009	21.57	18/01/2009	07.45	H/T FOR O/V
DHULE-SAR'SAROVAR-I	17/01/2009	22.16		Continued.	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	18/01/2009	23.52		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur-B' vati	17/01/2009	07.11	18/01/2009	03.23	R.M. Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150MVA ICT-II at Dhule	01/01/2009	11.10		Continued.	O/H (1 month outage)
200MVA ICT-I at Padgha	13/01/2009	09.26		Continued.	Isolator Repl.(On TBC)
Arey M.B.Sec.II	18/01/2009	09.12	18/01/2009	17.00	Q.M. WORK
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Deepnagar-Khadka I	17/01/2009	08.50		Continued.	Diversion Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
ICT-III at Padgha	18/01/2009	23.24	19/01/2009	00.29	Buchhloz Ind.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Lamboti-Bale-I	18/01/2009	14.38	18/01/2009	15.04	H/T For O/L,ICT.
Lamboti-Bale-II	18/01/2009	14.38	18/01/2009	15.04	H/T For O/L,ICT.
Voltage Level : 220KV			Outage Type TRIPPED		
Parli-Osmanabad	18/01/2009	14.55		Continued.	Tripped ,Dist.Prot.
Bale-Osmanbad	18/01/2009	14.55	18/01/2009	15.27	Tripped ,Dist.Prot.
Bale-Murud	18/01/2009	14.55		Continued.	Tripped ,Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	50
Unit 3	105	0
Unit 4	105	50
Unit 5	200	160
Unit 6	210	155
Unit 7	210	150
	1040	635
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	125
Unit 4	210	180
Unit 5	210	150
Unit 6	250	225
	940	720
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	400
Unit 6	500	450
Unit 7	500	400
	2340	2000
Paras		
Unit 2	55	40
Unit 3	250	160
	305	200
Khaparkheda		
Unit 1	210	160
Unit 2	210	200
Unit 3	210	200
Unit 4	210	0
	840	560
Nasik		
Unit 1	120	95
Unit 2	120	90
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	725
Uran		
All Units	852	500
	852	500
Koyna		
Stage 1-2	600	440
Stage 4	1000	250
Stage 3	320	320
	1920	1010
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	49
BHIRA T.R.	80	80
RNGR+BHTSA	20	18
BHANDARDRA	45	36
ELDARY	23	15
PAITHAN	12	12
GHATGHAR	250	0
	611	330
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	140
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	90
Trombay 7B	60	60
TATA Hydro	444	459
	1774	1249
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3457
	3143	3457

	17146	12616
--	--------------	--------------