



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

State Load Dispatch Center, Airoli

Daily system Report

for

16/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 16/Feb/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.824	1998.373	1) Madhya Pradesh	69.254	1058.463
2) Hydro	14.411	203.564	2) Gujrat	18.608	285.900
3) Gas	15.633	237.480	3) Goa	-5.848	-89.067
Total MSGENCO	153.868	2439.417	4) TAPS 1&2 (Inj.)	7.386	118.221
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	7.394	113.974	# Total Cent. Sector	89.400	1373.540
2) Wind Generation	1.887	43.321	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-5.824	-92.654
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.903	291.603	1) MSEDCL Bilateral	10.367	166.326
2) TPCL Hydro	5.659	69.949	Include PX	1.058	47.273
TOTAL TPCL	24.562	361.552	2) MUMBAI Bilateral	6.779	106.862
3) REL Thermal	12.707	203.251	Include PX	1.364	20.685
D) STATE			3) MUMBAI Schedule	6.779	107.312
1) Thermal (A1+C1+C3)	155.434	2493.227	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	20.070	273.513	1) MSEDCL	246.725	3877.598
3) Gas (A3+B1)	23.027	351.454	2) TPCL	28.871	435.756
4) Wind (B2)	1.887	43.321	3) REL	14.220	221.757
TOTAL STATE	200.418	3161.515	TOTAL STATE	289.816	4535.111

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	5284	5306	5034
MSGENCO Hydro	534	1030	181
MSGENCO Gas	668	637	686
MSGENCO Total Generation	6486	6973	5901
Central Sector Receipt	3778	4111	3309
RGPPL	305	313	305
WIND	94	79	66
Exchange with TPCL	-378	-445	32
MSEDCL DEMAND MET	10285	11031	9613
Load Shedding	4141	3999	0
MSEDCL DEMAND (INCL. LS)	14426	15030	9613
TPCL GENERATION	1127	1272	753
REL GENERATION	529	529	530
TPCL+REL DEMAND	2034	2246	1251
STATE DEMAND MET	12319	13277	10864
STATE DEMAND (INCL. LS)	16460	17276	10864
Frequency (Hz)	49.28	49.56	50.15
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5130 at 13.00 Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			86.10 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 04.00 Hrs	49 Hz at 10.39 Hrs	49.65	.06 % 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 16/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.47	26.06	74	34	70
Unit 2	1.72	27.69	77	54	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.66	25.65	76	56	75
Unit 5	3.86	63.56	178	146	160
Unit 6	0.00	25.94	0	0	0
Unit 7	3.84	66.86	184	126	170
	12.54	235.76			545
Bhusawal					
Unit 1	0.64	9.62	30	24	25
Unit 2	1.28	50.64	140	0	0
Unit 3	4.56	65.08	198	182	190
	6.49	125.34			215
Parli					
Unit 1	0.50	8.46	22	19	20
Unit 2	0.57	9.27	26	22	20
Unit 3	4.02	60.18	178	137	135
Unit 4	4.43	63.92	197	161	185
Unit 5	0.00	59.57	0	0	0
Unit 6	5.34	80.18	244	189	195
	14.86	281.59			555
Chandrapur					
Unit 1	4.04	54.22	172	162	165
Unit 2	4.27	65.89	181	172	175
Unit 3	5.07	62.88	213	209	210
Unit 4	4.65	73.26	198	187	195
Unit 5	10.01	148.81	459	355	400
Unit 6	9.57	152.75	445	350	450
Unit 7	9.51	129.79	443	351	450
	47.12	687.60			2045
Paras					
Unit 2	1.13	14.00	50	44	15
Unit 3	3.96	82.25	234	98	200
	5.10	96.25			215
Khaparkheda					
Unit 1	4.77	76.46	204	183	200
Unit 2	4.44	74.25	201	165	200
Unit 3	4.62	75.24	212	175	200
Unit 4	4.82	75.70	204	193	200
	18.65	301.65			800
Nasik					
Unit 1	2.35	29.82	101	94	95
Unit 2	2.22	26.11	98	81	95
Unit 3	4.90	76.42	209	187	200
Unit 4	4.81	76.77	206	189	200
Unit 5	4.80	61.07	209	186	200
	19.07	270.18			790
Uran					
All Units	15.63	237.48	686	616	600
	15.63	237.48			600
Koyna					
Stage 1-2	1.92	37.74	255	35	600
Stage 4	6.18	73.71	675	0	250
Koyna 12&4 Total	8.10	111.45			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.02	24.04	240	0	240
	10.12	135.49			1090
Hydro					
KDPH	0.58	7.84	38	19	18
VTRNA	1.45	19.26	61	59	60
TILLARI	0.38	6.34	61	0	60
BHTGR/VEER	1.30	19.58	54	54	50
BHIRA T.R.	0.19	3.90	66	0	80
RNGR+BHTSA	0.32	5.59	15	13	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.84	11	0	10
GHATGHAR	0.00	4.74	0	0	0
	4.29	68.08			294
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.12	2.15			
Vankuswadi	0.28	4.92			
ATIT	0.03	0.57			
Kale	0.07	2.03			
Satara	0.10	1.97			
Shirala	0.11	1.52			
K Mahankal	0.01	0.23			
Supa	0.09	1.12			
Vita	0.64	8.53			
Dondaicha	0.12	12.46			
Sakri	0.03	2.33			
Nandurbar	0.02	1.83			
Khadakale	0.20	2.86			
Khaparale	0.05	0.80			
	1.89	43.32			
Dabhol					
RGPP L II	7.39	113.97	332	294	300
RGPP L III		0.00	0	0	
	7.39	113.97			300
Tata					
Trombay 4	2.85	42.85	131	102	100
Trombay 5	12.12	192.37	505	505	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.42	38.36	111	85	100
Trombay 7B	1.50	18.02	65	58	80
TATA Hydro	5.66	69.95	473	2	442
	24.56	361.55			1222
REL					
1&2	12.71	203.25	531	527	500
	12.71	203.25			500
Cent Sect					
Share					3527
					3527

MS PG CL	Thermal	123.82	1998.37		5165
	Thml+Gas	139.46	2235.85		5765
	Hydro	14.41	203.56		1384
	Total	153.87	2439.42		7149
State Total		200.42	3161.52		12698

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/Feb/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	5055	206	686	5947	305	65	2977	3499	-56	-21	9795	0	9795	1304	11099	50.09
2	5034	181	686	5901	305	66	2929	3309	-6	32	9613	0	9613	1251	10864	50.15
3	4986	186	686	5858	305	89	2881	3414	44	86	9752	0	9752	1198	10950	49.97
4	4955	196	682	5833	305	105	2857	3624	69	113	9980	298	10278	1170	11448	50.14
5	4924	187	682	5793	305	125	2878	3456	70	115	9794	1684	11478	1169	12647	49.92
6	5063	196	685	5944	305	110	2936	3595	-3	39	9993	2402	12395	1245	13640	49.76
7	5198	196	685	6079	305	133	3018	3303	-101	-61	9759	3657	13416	1388	14804	49.61
8	5253	197	680	6130	306	113	3402	3499	-138	-100	9948	3951	13899	1530	15429	49.42
9	5275	210	678	6163	305	93	3347	3717	-133	-102	10176	4214	14390	1611	16001	49.58
10	5284	534	668	6486	305	94	3601	3778	-409	-378	10285	4141	14426	2034	16460	49.28
11	5145	658	647	6450	301	77	3714	3731	-485	-455	10104	3720	13824	2230	16054	49.33
12	5231	964	634	6829	297	89	3708	3936	-485	-453	10698	4063	14761	2256	17017	49.37
13	5179	1173	635	6987	294	69	3760	3945	-469	-438	10857	3977	14834	2202	17036	49.48
14	5200	997	624	6821	301	46	3729	3860	-438	-408	10620	3933	14553	2129	16682	49.43
15	5195	969	628	6792	302	38	3699	3828	-409	-378	10582	3797	14379	2167	16546	49.60
16	5099	875	618	6592	300	41	3659	3817	-372	-343	10407	3939	14346	2145	16491	49.44
17	5093	929	616	6638	301	46	3655	4012	-367	-335	10662	3840	14502	2138	16640	49.42
18	5242	968	634	6844	309	52	3928	4032	-496	-463	10774	3588	14362	2163	16525	49.86
19	5284	1021	636	6941	311	67	3907	4027	-424	-383	10963	3699	14662	2110	16772	49.53
20	5306	1030	637	6973	313	79	3584	4111	-484	-445	11031	3999	15030	2246	17276	49.56
21	5224	1035	635	6894	322	76	3445	4048	-482	-429	10911	3533	14444	2145	16589	49.61
22	5250	740	618	6608	332	87	3386	3858	-432	-372	10513	3552	14065	1909	15974	49.67
23	5198	520	624	6342	330	86	3370	3588	-464	-404	9942	3321	13263	1781	15044	49.58
24	5143	242	623	6008	330	66	3184	3411	-308	-241	9574	2566	12140	1572	13712	49.70
MUs	123.82	14.41	15.63	153.85	7.39	1.91	81.55	89.40	-6.78	-5.82	246.73	71.87	318.61	43.09	361.70	49.65

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 16/Feb/2009

Position as on 6.30 Hrs of 17/Feb/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	19/02/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	19/02/2009
Koyna ST-IV 1	250	20/01/2009	22:00		Continued.	Annual Overhaul	20/02/2009
Cent_Sect KARPR2	220	03/02/2009	00.24		Continued.	Bi-Annual overhaul work	10/03/2009
Koradi Unit 6	210	08/02/2009	02.11		Continued.	ANNUAL MAINT. WORK	15/03/2009
Koyna Unit 9	80	12/02/2009	00.00		Continued.	Annual Overhaul	24/02/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
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	01/06/2009
Dabhol 3B	230	19/11/2008	19.55		Continued.	W/dn	31/03/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	31/03/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	10/03/2009
Dabhol 1X	290	06/02/2009	11:00	17/02/2009	05.33	Turbine Problem	
Dabhol 1A	230	06/02/2009	11:50	16/02/2009	20.33	Turbine Problem	
Bhusawal Unit 2	210	12/02/2009	22.10	16/02/2009	06.49	Boiler Tube Leakage	
Parli Unit 5	210	15/02/2009	12.02		Continued.	Boiler Tube Leakage	18/02/2009
Cent_Sect NTPC(K-3)	210	16/02/2009	09.03	17/02/2009	06.58	Boiler Tube Leakage	17/02/2009
Cent_Sect NTPC(V-5)	210	16/02/2009	18.40	17/02/2009	22.35	Boiler Tube Leakage	19/02/2009
Bhusawal Unit 2	210	16/02/2009	19.37		Continued.	Boiler Tube Leakage	19/02/2009
Uran Unit 7	108	17/02/2009	12.19	17/02/2009	18.10	Air Filtor Replacement.	
Dabhol 1X	290	17/02/2009	13.14		Continued.	Gas/Air Purging system problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Feb/2009

Position as on 6.30 Hrs of 17/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Momewadi -Halkarni	17/02/2009	08.25	17/02/2009	16.30	Insulator Replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	15/02/2009	17.38	17/02/2009	17.18	H/T FOR O/V
Kolhapur-Mapusa Ckt I	16/02/2009	00.10	16/02/2009	09.03	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	17/02/2009	23.33		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	17/02/2009	23.51		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Spare ICT @ Karad	02/02/2009	10.43		Continued.	O/H Work.
400/220KV 315MVA ICT-I at Kharghar	16/02/2009	09.43	17/02/2009	10.54	A&B Bus Isolator R.M.work(ICT HV side on TBC)
400/220kv 315MVA ICT-II at Kolhapur	16/02/2009	10.56	16/02/2009	17.35	Maintenance work
Kalwa-Kharghar	17/02/2009	09.14	17/02/2009	19.52	R.M. Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
L.V.Breaker 400/220 KV ICT-II at Klw.	10/02/2009	13.28		Continued.	ICT-II on TBC.Br.Repl.
Shahada 220/132 KV,100MVA ICT-I	14/02/2009	12.40	16/02/2009	11.50	Servicing and Maint.of ICT and Breaker.
Momewadi-Halkarni	16/02/2009	08.30	16/02/2009	17.58	For 220 KV Halkarni bus outage,
220KV Main Bus at HALKARNI	16/02/2009	09.30	16/02/2009	16.30	ISOLATOR MAINTAINANCE WORK
Halkarni-Tillari	16/02/2009	09.30	16/02/2009	16.30	For 220 KV Halkarni bus outage,
220/132kv 100MVA ICT-III at padegaon	16/02/2009	10.20	16/02/2009	15.00	Replacement of L.A.
Waluj-Jalna-II	16/02/2009	11.03	16/02/2009	16.08	C.T.Tan-Delta Measurement
Pedambe-Kharepatan	17/02/2009	10.10	17/02/2009	19.19	C.T.Replacement.
75 MVA,220/110 KV ICT @ Ogalewadi	17/02/2009	10.10	17/02/2009	16.20	To attend oil leakage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
220/100 KV ICT-3 at Borivali	15/02/2009	02:17		Continued.	H/T Attending Sparking LV Side.
220/100 KV,100 MVA ICT-I @ Tambati	16/02/2009	01.40	16/02/2009	15.20	Oil Leakage
Pophali-KDPH	17/02/2009	09.00	17/02/2009	10.30	B ph Isolator Red Hot.
Voltage Level : 400KV			Outage Type TRIPPED		
LONIKHAND-PARLY-I	17/02/2009	16.41	17/02/2009	16.45	Tripped at Lonikand end only.
Voltage Level : 220KV			Outage Type TRIPPED		
Bablsr-Ranjangaon	17/02/2009	00.08	17/02/2009	00.28	Tripped on Dist.Prot.
ICT - I @ Chailsgaon	17/02/2009	22.05	17/02/2009	23.11	Tripped on Occurance.
ICT - II @ Chailsgaon	17/02/2009	22.05	17/02/2009	22.55	Tripped on Occurance.
Voltage Level : 132KV			Outage Type TRIPPED		
Chalishgaon - Kannad	17/02/2009	22.05		Continued.	R ph C T Burst,132KV Bus Bar Protecion Operated & all 132KV Feeders &100MVA,220/132KV I & II

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Feb/2009

Position as on 6.30 Hrs of 17/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					Tipped.
null					
Voltage Level : 132KV			Outage Type TRIPPED		
Deepnagar-Nimbhora	16/02/2009	12.51	16/02/2009	14.52	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 17/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	70
Unit 3	105	0
Unit 4	105	65
Unit 5	200	160
Unit 6	210	0
Unit 7	210	160
	1040	520
Bhusawal		
Unit 1	58	25
Unit 2	210	0
Unit 3	210	190
	478	215
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	165
Unit 4	210	150
Unit 5	210	0
Unit 6	250	210
	940	565
Chandrapur		
Unit 1	210	165
Unit 2	210	175
Unit 3	210	210
Unit 4	210	195
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2095
Paras		
Unit 2	55	40
Unit 3	250	110
	305	150
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	790
Uran		
All Units	852	660
	852	660
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	51
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	312
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	0
	1480	300
Tata		
Trombay 4	150	120
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	442
	1774	1222
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3386
	3143	3386