



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 15/Feb/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.691	1874.549	1) Madhya Pradesh	67.863	989.209
2) Hydro	8.193	189.153	2) Gujrat	19.178	267.292
3) Gas	13.144	221.847	3) Goa	-5.318	-83.219
Total MSGENCO	147.028	2285.549	4) TAPS 1&2 (Inj.)	7.390	110.835
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	7.316	106.580	# Total Cent. Sector	89.113	1284.140
2) Wind Generation	2.075	41.434	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-3.080	-86.830
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.510	272.700	1) MSEDCL Bilateral	10.311	155.959
2) TPCL Hydro	0.654	64.290	Include PX	1.729	46.215
TOTAL TPCL	19.164	336.990	2) MUMBAI Bilateral	2.922	100.083
3) REL Thermal	12.718	190.544	Include PX	0.000	19.321
D) STATE			3) MUMBAI Schedule	2.922	100.533
1) Thermal (A1+C1+C3)	156.919	2337.793	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	8.847	253.443	1) MSEDCL	242.452	3630.873
3) Gas (A3+B1)	20.460	328.427	2) TPCL	22.764	406.885
4) Wind (B2)	2.075	41.434	3) REL	12.296	207.537
TOTAL STATE	188.301	2961.097	TOTAL STATE	277.512	4245.295

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5493	5376	5106
MSGENCO Hydro	258	790	188
MSGENCO Gas	539	536	481
MSGENCO Total Generation	6290	6702	5775
Central Sector Receipt	3882	3950	3273
RGPPL	305	306	305
WIND	126	69	120
Exchange with TPCL	-190	-352	96
MSEDCL DEMAND MET	10413	10675	9569
Load Shedding	3943	3955	1156
MSEDCL DEMAND (INCL. LS)	14356	14630	10725
TPCL GENERATION	832	849	747
REL GENERATION	530	529	531
TPCL+REL DEMAND	1552	1730	1182
STATE DEMAND MET	11965	12405	10751
STATE DEMAND (INCL. LS)	15908	16360	11907
Frequency (Hz)	49.59	49.74	49.70
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4684 MW AT 14:00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			85.09 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.44 Hz at 14.05 Hrs	49.12 Hz at 07.19 Hrs	49.77	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 15/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.50	24.59	78	30	75
Unit 2	1.82	25.98	84	72	75
Unit 3	0.00	0.00	0	0	0
Unit 4	1.76	23.99	81	68	80
Unit 5	4.13	59.70	189	146	190
Unit 6	0.00	25.94	0	0	0
Unit 7	4.26	63.02	209	124	200
	13.47	223.22			620
Bhusawal					
Unit 1	0.61	8.98	28	20	25
Unit 2	0.00	49.35	0	0	0
Unit 3	4.62	60.52	196	181	190
	5.24	118.85			215
Parli					
Unit 1	0.51	7.96	23	20	20
Unit 2	0.58	8.70	26	22	20
Unit 3	4.05	56.16	188	146	170
Unit 4	4.10	59.49	192	143	160
Unit 5	1.75	59.57	168	-1	160
Unit 6	5.72	74.84	254	218	220
	16.71	266.73			750
Chandrapur					
Unit 1	4.02	50.18	174	161	165
Unit 2	3.71	61.62	181	101	105
Unit 3	3.66	57.81	211	12	100
Unit 4	4.63	68.61	194	180	195
Unit 5	10.61	138.80	470	400	450
Unit 6	9.71	143.18	466	288	450
Unit 7	9.93	120.29	456	360	450
	46.27	640.49			1915
Paras					
Unit 2	0.88	12.86	50	25	40
Unit 3	5.39	78.29	240	210	200
	6.27	91.15			240
Khaparkheda					
Unit 1	4.84	71.70	208	194	200
Unit 2	4.71	69.81	201	190	200
Unit 3	4.91	70.62	213	188	200
Unit 4	4.88	70.87	206	199	200
	19.34	283.00			800
Nasik					
Unit 1	2.34	27.47	104	90	98
Unit 2	1.64	23.89	100	0	85
Unit 3	4.83	71.52	213	186	205
Unit 4	4.82	71.96	208	184	200
Unit 5	4.77	56.27	207	190	200
	18.39	251.11			788
Uran					
All Units	13.14	221.85	650	477	550
	13.14	221.85			550
Koyna					
Stage 1-2	1.22	35.82	120	30	600
Stage 4	2.04	67.53	280	0	250
Kovna 12&4 Total	3.26	103.35			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.83	22.02	240	0	240
	4.08	125.36			1090
Hydro					
KDPH	0.46	7.26	19	19	18
VTRNA	1.46	17.81	61	60	60
TILLARI	0.38	5.96	60	0	60
BHTGR/VEER	1.20	18.28	50	50	50
BHIRA T.R.	0.21	3.70	80	0	80
RNGR+BHTSA	0.34	5.27	15	13	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.77	12	0	12
GHATGHAR	0.00	4.74	0	0	0
	4.11	63.79			295
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	0
	0.00	0.00			0
Wind					
MalharPeth	0.12	2.02			
Vankuswadi	0.27	4.65			
ATIT	0.02	0.54			
Kale	0.06	1.95			
Satara	0.09	1.87			
Shirala	0.08	1.42			
K Mahankal	0.03	0.21			
Supa	0.07	1.03			
Vita	0.98	7.88			
Dondaicha	0.04	12.35			
Sakri	0.01	2.30			
Nandurbar	0.04	1.80			
Khadakale	0.25	2.66			
Khaparale	0.01	0.75			
	2.08	41.43			
Dabhol					
RGPP L II	7.32	106.58	306	304	300
RGPP L III	0.00	0.00	0	0	0
	7.32	106.58			300
Tata					
Trombay 4	2.97	39.99	136	101	100
Trombay 5	12.12	180.25	505	505	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.01	35.94	90	80	100
Trombay 7B	1.41	16.52	60	58	80
TATA Hydro	0.65	64.29	157	2	442
	19.16	336.99			1222
REL					
1&2	12.72	190.54	531	529	500
	12.72	190.54			500
Cent Sect					
Share					3410
					3410

MS PG CL	Thermal	125.69	1874.55		5328
	Thml+Gas	138.84	2096.40		5878
	Hydro	8.19	189.15		1385
	Total	147.03	2285.55		7263
State Total		188.30	2961.10		12695

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	5070	187	477	5734	305	141	2940	2830	-57	67	9077	1868	10945	1231	12176	49.64
2	5102	188	477	5767	304	133	2892	2789	-7	20	9013	1795	10808	1265	12073	49.97
3	5077	183	478	5738	305	131	2845	2995	43	72	9241	1548	10789	1206	11995	49.78
4	5106	188	481	5775	305	120	2821	3273	68	96	9569	1156	10725	1182	11907	49.70
5	5178	188	490	5856	305	123	2819	3393	70	97	9774	2186	11960	1179	13139	49.73
6	5288	188	508	5984	304	157	2874	3386	22	46	9877	2642	12519	1231	13750	49.57
7	5409	223	536	6168	304	146	2920	3282	-41	-17	9883	3388	13271	1295	14566	49.71
8	5506	198	538	6242	304	125	3314	3478	-62	-40	10109	3588	13697	1330	15027	49.43
9	5486	193	540	6219	305	107	3269	3591	-62	-41	10181	3925	14106	1412	15518	49.67
10	5493	258	539	6290	305	126	3428	3882	-105	-190	10413	3943	14356	1552	15908	49.59
11	5440	336	540	6316	306	131	3423	3850	-105	-189	10414	3558	13972	1579	15551	49.52
12	5311	299	540	6150	305	92	3419	4024	-105	-189	10382	3591	13973	1653	15626	49.58
13	5123	410	544	6077	304	43	3402	4275	-105	-161	10538	3534	14072	1577	15649	49.50
14	5102	387	590	6079	305	26	3400	4295	-105	-161	10544	3517	14061	1491	15552	49.73
15	5160	429	612	6201	305	20	3400	4114	-105	-153	10487	3350	13837	1474	15311	50.10
16	5090	389	614	6093	305	23	3399	4066	-105	-153	10334	3432	13766	1475	15241	50.08
17	5156	420	613	6189	304	35	3398	4076	-105	-153	10451	3330	13781	1475	15256	49.84
18	5293	391	613	6297	305	50	3566	4174	-232	-187	10639	3195	13834	1510	15344	50.21
19	5342	493	561	6396	304	72	3719	3977	-284	-291	10458	3595	14053	1614	15667	49.78
20	5376	790	536	6702	306	69	3421	3950	-356	-352	10675	3955	14630	1730	16360	49.74
21	5348	896	543	6787	306	64	3424	3902	-354	-360	10699	3499	14198	1743	15941	49.76
22	5226	563	552	6341	305	42	3422	4004	-351	-355	10337	3506	13843	1668	15511	49.85
23	5195	222	572	5989	305	43	3442	3861	-355	-336	9862	3370	13232	1650	14882	49.97
24	5093	174	650	5917	305	45	3185	3415	-121	-150	9532	2464	11996	1440	13436	49.99
MUs	125.97	8.19	13.14	147.31	7.32	2.06	78.14	88.88	-2.92	-3.08	242.49	73.94	316.42	34.96	351.39	49.77

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 15/Feb/2009

Position as on 6.30 Hrs of 16/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	17/02/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	17/02/2009
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		Continued.	Turbine Problem	18/02/2009
Dabhol 1A	230	06/02/2009	11:50		Continued.	Turbine Problem	18/02/2009
Chandrapur Unit 3	210	12/02/2009	00.41	15/02/2009	00:27	Steam Leakage.	
Bhusawal Unit 2	210	12/02/2009	22.10	16/02/2009	06.49	Boiler Tube Leakage	15/02/2009
Nasik Unit 2	125	13/02/2009	16:38	15/02/2009	04:10	Boiler Tube Leakage	
Parli Unit 5	210	15/02/2009	12.02		Continued.	Boiler Tube Leakage	18/02/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Feb/2009

Position as on 6.30 Hrs of 16/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	10/02/2009	00.00	15/02/2009	12.10	H/T FOR O/V
DHULE-SAR'SAROVAR-I	15/02/2009	17.38		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	16/02/2009	00.10		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.
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		Continued.	Servicing and Maint.of ICT and Breaker.
Aarey - Borivali	15/02/2009	08.30	15/02/2009	15.13	ANNUAL MAINT. WORK
Mahape-Tifil	15/02/2009	10.05	15/02/2009	18.30	R.M. Work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/100 KV,100 MVA ICT-I @ Tambati	16/02/2009	01.40		Continued.	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.
APTA-URAN CKT I(HOC)	15/02/2009	15.00	15/02/2009	15.27	H.T.fire in Marshling box.
URAN_HOCL	15/02/2009	15.48	15/02/2009	17.01	H.T.at HOC end.
Voltage Level : 132KV			Outage Type TRIPPED		
Khadka-Savda	14/02/2009	11:42	15/02/2009	11.18	Trip.dist.prot. B ph Cond. Snapped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 16/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	75
Unit 5	200	160
Unit 6	210	0
Unit 7	210	170
	1040	545
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	135
Unit 4	210	185
Unit 5	210	0
Unit 6	250	195
	940	555
Chandrapur		
Unit 1	210	165
Unit 2	210	175
Unit 3	210	210
Unit 4	210	195
Unit 5	500	400
Unit 6	500	450
Unit 7	500	450
	2340	2045
Paras		
Unit 2	55	15
Unit 3	250	200
	305	215
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	600
	852	600
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	18
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	50
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	294
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	100
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	80
TATA Hydro	444	442
	1774	1222
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3527
	3143	3527

	17146	12698
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