



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Feb/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.591	769.870	1) Madhya Pradesh	64.010	381.180
2) Hydro	8.876	65.146	2) Gujrat	18.358	109.481
3) Gas	14.981	91.815	3) Goa	-5.604	-33.690
Total MSGENCO	151.448	926.831	4) TAPS 1&2 (Inj.)	7.419	44.352
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	8.074	45.869	# Total Cent. Sector	84.183	501.323
2) Wind Generation	1.562	15.568	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-6.804	-34.293
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.107	111.402	1) MSEDCL Bilateral	10.599	62.768
2) TPCL Hydro	5.325	27.855	Include PX	3.703	20.622
TOTAL TPCL	23.432	139.257	2) MUMBAI Bilateral	6.956	38.408
3) REL Thermal	12.548	76.079	Include PX	0.888	7.200
D) STATE			3) MUMBAI Schedule	7.406	38.858
1) Thermal (A1+C1+C3)	158.246	957.351	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.201	93.001	1) MSEDCL	238.463	1455.298
3) Gas (A3+B1)	23.055	137.684	2) TPCL	28.432	165.773
4) Wind (B2)	1.562	15.568	3) REL	14.351	83.857
TOTAL STATE	197.064	1203.604	TOTAL STATE	281.246	1704.928

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	5483	5238	5193
MSGENCO Hydro	314	1239	110
MSGENCO Gas	651	650	590
MSGENCO Total Generation	6448	7127	5893
Central Sector Receipt	3672	3528	3221
RGPPL	394	308	322
WIND	53	81	99
Exchange with TPCL	-462	-427	45
MSEDCL DEMAND MET	10105	10617	9580
Load Shedding	4926	4105	0
MSEDCL DEMAND (INCL. LS)	15031	14722	9580
TPCL GENERATION	1054	1187	740
REL GENERATION	529	529	529
TPCL+REL DEMAND	2045	2143	1224
STATE DEMAND MET	12150	12760	10804
STATE DEMAND (INCL. LS)	17076	16865	10804
Frequency (Hz)	49.45	49.39	49.75
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5288 MW At 13.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			87.66 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.14 Hz at 04.03 Hrs	48.86 Hz at 11.15 Hrs	49.51	.65 % 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 06/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.56	9.98	76	47	65
Unit 2	1.75	10.40	80	63	65
Unit 3	0.00	0.00	0	0	0
Unit 4	1.60	9.29	86	37	80
Unit 5	3.26	21.61	159	110	130
Unit 6	3.62	21.95	165	132	130
Unit 7	3.58	22.54	176	103	120
	15.36	95.78			590
Bhusawal					
Unit 1	0.65	3.66	28	23	25
Unit 2	4.37	25.19	190	168	185
Unit 3	4.60	26.38	199	174	190
	9.62	55.23			400
Parli					
Unit 1	0.53	3.20	23	21	20
Unit 2	0.60	3.49	26	22	20
Unit 3	3.98	19.59	180	120	170
Unit 4	3.87	24.11	194	109	160
Unit 5	4.66	27.52	214	158	170
Unit 6	4.53	30.33	230	132	230
	18.15	108.24			770
Chandrapur					
Unit 1	4.08	14.09	178	159	170
Unit 2	4.22	24.78	178	173	165
Unit 3	3.81	29.23	211	0	210
Unit 4	4.62	27.98	197	161	195
Unit 5	7.92	59.97	358	304	400
Unit 6	8.18	59.13	370	314	400
Unit 7	8.12	57.77	362	299	350
	40.95	272.94			1890
Paras					
Unit 2	0.59	3.77	26	24	40
Unit 3	5.50	30.29	247	212	210
	6.10	34.05			250
Khaparkheda					
Unit 1	4.71	28.56	210	186	200
Unit 2	4.66	27.26	199	188	200
Unit 3	4.83	28.17	208	187	200
Unit 4	4.80	28.01	204	194	180
	19.01	112.00			780
Nasik					
Unit 1	1.65	6.53	101	43	50
Unit 2	2.21	13.15	97	89	95
Unit 3	4.89	29.05	213	188	190
Unit 4	4.90	28.73	210	197	200
Unit 5	4.75	14.17	209	164	180
	18.39	91.64			715
Uran					
All Units	14.98	91.82	663	558	550
	14.98	91.82			550
Koyna					
Stage 1-2	2.07	13.82	240	35	600
Stage 4	2.33	19.58	523	0	250
Kovna 12&4 Total	4.40	33.41			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.91	7.34	208	0	320
	5.31	40.75			1170
Hydro					
KDPH	0.00	2.13	0	0	0
VTRNA	0.76	5.96	61	0	0
TILLARI	0.40	2.25	60	0	60
BHTGR/VEER	1.28	7.36	54	53	32
BHIRA T.R.	0.29	1.56	80	0	80
RNGR+BHTSA	0.33	2.15	17	1	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	10
PAITHAN	0.06	0.32	12	0	10
GHATGHAR	0.44	2.66	125	0	0
	3.57	24.40			202
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.12	0.79			
Vankuswadi	0.23	1.79			
ATIT	0.02	0.19			
Kale	0.06	0.62			
Satara	0.08	0.72			
Shirala	0.06	0.59			
K Mahankal	0.02	0.07			
Supa	0.04	0.38			
Vita	0.60	2.86			
Dondaicha	0.16	4.65			
Sakri	0.07	0.92			
Nandurbar	0.02	0.69			
Khadakale	0.08	1.00			
Khaparale	0.01	0.33			
	1.56	15.57			
Dabhol					
RGPP L II	8.07	45.87	394	253	300
RGPP L III	0.00	0.00	0	0	
	8.07	45.87			300
Tata					
Trombay 4	2.93	16.41	134	100	100
Trombay 5	12.00	72.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.22	14.67	108	85	100
Trombay 7B	0.96	8.32	43	33	90
TATA Hydro	5.32	27.86	422	2	425
	23.43	139.26			1215
REL					
1&2	12.55	76.08	531	463	500
	12.55	76.08			500
Cent Sect					
Share					3384
					3384

MS PG CL	Thermal	127.59	769.87		5395
	Thml+Gas	142.57	861.68		5945
	Hydro	8.88	65.15		1372
	Total	151.45	926.83		7317
State Total		197.06	1203.60		12716

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	5206	105	592	5903	308	97	2992	3015	-35	-29	9294	942	10236	1294	11530	49.62
2	5193	110	590	5893	322	99	2922	3221	44	45	9580	0	9580	1224	10804	49.75
3	5212	140	591	5943	359	88	2901	3487	70	71	9948	0	9948	1214	11162	49.83
4	5241	115	591	5947	385	93	2878	3500	96	95	10020	285	10305	1191	11496	49.79
5	5160	115	590	5865	387	93	2880	3298	96	96	9739	2359	12098	1189	13287	49.56
6	5271	250	558	6079	388	107	2891	3390	18	20	9984	2765	12749	1267	14016	49.29
7	5364	285	566	6215	388	113	2929	3228	-9	-5	9939	3942	13881	1438	15319	49.42
8	5497	186	570	6253	388	95	3255	3390	-44	-38	10088	4446	14534	1576	16110	49.40
9	5465	205	608	6278	387	64	3328	3465	-119	-113	10081	4868	14949	1692	16641	49.64
10	5483	314	651	6448	394	53	3685	3672	-488	-462	10105	4926	15031	2045	17076	49.45
11	5513	366	655	6534	379	44	3650	3639	-638	-613	9983	4788	14771	2196	16967	49.42
12	5364	416	646	6426	323	26	3637	3770	-661	-651	9894	4776	14670	2182	16852	49.35
13	5474	602	639	6715	307	24	3526	3670	-661	-612	10104	4647	14751	2130	16881	49.39
14	5442	403	632	6477	307	21	3530	3559	-511	-464	9900	4647	14547	2108	16655	49.45
15	5469	267	631	6367	304	28	3585	3560	-511	-463	9796	4444	14240	2154	16394	49.34
16	5429	143	640	6212	253	42	3640	3556	-511	-463	9600	4316	13916	2143	16059	49.51
17	5383	209	642	6234	281	55	3666	3725	-511	-465	9830	4016	13846	2164	16010	49.44
18	5328	313	650	6291	307	68	3790	4044	-621	-589	10121	3665	13786	2150	15936	49.69
19	5180	801	652	6633	368	70	3702	3865	-463	-421	10515	3821	14336	2089	16425	49.44
20	5238	1239	650	7127	308	81	3393	3528	-469	-427	10617	4105	14722	2143	16865	49.39
21	5290	1098	656	7044	309	58	3368	3456	-441	-399	10468	3794	14262	2085	16347	49.44
22	5215	708	663	6586	307	50	3369	3487	-441	-398	10032	3809	13841	1893	15734	49.45
23	5147	303	629	6079	308	47	3346	3539	-379	-337	9636	3328	12964	1712	14676	49.55
24	5102	175	618	5895	307	55	3167	3360	-215	-182	9435	2511	11946	1505	13451	49.56
MUs	127.67	8.87	14.91	151.44	8.07	1.57	80.03	84.42	-7.41	-6.80	238.71	81.20	319.91	42.78	362.69	49.51

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 06/Feb/2009

Position as on 6.30 Hrs of 07/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	13/02/2009
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
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 1X	290	22/01/2009	12.03	06/02/2009	02.15	BHMS Installation work	
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	13/02/2009
Cent_Sect sipat-5	500	06/02/2009	11:12	06/02/2009	13:43	Gen.Protection	
Dabhol 1A	230	06/02/2009	11:50		Continued.	Turbine Problem	13/02/2009
Chandrapur Unit 3	210	06/02/2009	18:03	06/02/2009	23:52	Low Drum Level	
Koradi Unit 4	115	07/02/2009	09.32	07/02/2009	11.27	Low Vaccume	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2009

Position as on 6.30 Hrs of 07/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Nasik-Navsari-I	06/02/2009	00:15	06/02/2009	22:25	R phase C.T. problem
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	05/02/2009	00.43	06/02/2009	07:24	H/T FOR O/V
Kolhapur-Mapusa Ckt I	06/02/2009	00.02	06/02/2009	09:42	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	06/02/2009	23:00	07/02/2009	09.04	H/T FOR O/V
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
500kv HVDC Pole1	06/02/2009	22:30	07/02/2009	05:54	Thyristor Replacement Work
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Spare ICT @ Karad	02/02/2009	10.43		Continued.	O/H Work.
400/220 kv ICT-I A'bad.	06/02/2009	10:22	06/02/2009	17:57	Testing Work
400/220KV ICT at Khadka	07/02/2009	10.51	07/02/2009	17.12	Hot Spot
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
Bhandara-Kanhan ckt-I	03/02/2009	09.14	06/02/2009	20.10	Relay Retrofitting Work
Padgha-Boiser(PGCIL)	04/02/2009	10.30	06/02/2009	00.14	Insulator Replacement
Bussectionlizer at Apta	05/02/2009	10.50	07/02/2009	18.05	Replacement of R,Y,B phase C.T.
Pophali-Pedambe-CKT-II	06/02/2009	08:05	06/02/2009	15:15	R.M. Work
KALMESHVAR-PANDURA	06/02/2009	10:28	06/02/2009	16:35	Q.M. WORK
100 MVA 220/132 KV ICT-I @Padegaon	06/02/2009	10:35	06/02/2009	18:05	Q.M. WORK
Padgha-Wada	06/02/2009	14:50	06/02/2009	15:42	Breaker Problem
Pophali- Karad II	07/02/2009	07.45	07/02/2009	16.34	Q.M. WORK
Dhule-Dondaicha-II	07/02/2009	08.20	07/02/2009	20.35	EW Replacement
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400KV Bus Coupler at Kalwa	05/02/2009	10.15	07/02/2009	19.50	SF6 Breaker Leakage work
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha-Boiser	07/02/2009	03:35	07/02/2009	04:59	Breaker Problem
Chalisgaon-BSL-I	07/02/2009	10.49	07/02/2009	17.13	H/T For Outage On BSL ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
Lonikand- Koyna Stage IV	05/02/2009	21:54	06/02/2009	10:28	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 ICT-I @ KOLSHET	06/02/2009	10:07	06/02/2009	14:50	Trip CKT. Faulty.
Dhule - Malegaon	06/02/2009	14:53	06/02/2009	18:52	Distance Protection
Chalisgaon - Malegaon	06/02/2009	14:53	06/02/2009	15:58	Distance Protection
220/132KV,100MVA ICT-I at Kanhan	07/02/2009	16.39	07/02/2009	18.09	Tripped while charging new 132/33KV T/F -II
220/132KV,100MVA ICT-II at Kanhan	07/02/2009	16.39	07/02/2009	17.08	Tripped while charging new 132/33KV T/F -II

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/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	60
Unit 5	200	150
Unit 6	210	150
Unit 7	210	180
	1040	680
Bhusawal		
Unit 1	58	25
Unit 2	210	185
Unit 3	210	190
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	170
Unit 5	210	150
Unit 6	250	205
	940	735
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	195
Unit 5	500	400
Unit 6	500	400
Unit 7	500	350
	2340	1895
Paras		
Unit 2	55	40
Unit 3	250	210
	305	250
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	210
Unit 4	210	200
	840	810
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	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	22
BHIRA T.R.	80	80
RNGR+BHTSA	20	20
BHANDARDRA	45	0
ELDARY	23	10
PAITHAN	12	10
GHATGHAR	250	0
	611	262
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		
RGPPL II	740	300
RGPPL III	740	
	1480	300
Tata		
Trombay 4	150	100
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	90
TATA Hydro	444	425
	1774	1215
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3393
	3143	3393

	17146	13000
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