



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Feb/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.334	2246.288	1) Madhya Pradesh	64.885	1189.422
2) Hydro	19.547	241.809	2) Gujrat	20.614	325.508
3) Gas	14.985	266.558	3) Goa	-6.119	-101.160
Total MSGENCO	157.866	2754.655	4) TAPS 1&2 (Inj.)	7.388	132.985
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	7.417	129.564	# Total Cent. Sector	86.768	1546.778
2) Wind Generation	1.979	47.073	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-7.877	-107.148
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	19.368	330.113	1) MSEDCL Bilateral	10.249	187.124
2) TPCL Hydro	5.637	82.017	Include PX	1.524	50.334
TOTAL TPCL	25.005	412.130	2) MUMBAI Bilateral	8.354	122.405
3) REL Thermal	12.691	228.649	Include PX	2.264	24.642
D) STATE			3) MUMBAI Schedule	8.654	123.155
1) Thermal (A1+C1+C3)	155.393	2805.050	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.184	323.826	1) MSEDCL	246.153	4370.922
3) Gas (A3+B1)	22.402	396.122	2) TPCL	30.360	495.972
4) Wind (B2)	1.979	47.073	3) REL	15.213	252.011
TOTAL STATE	204.958	3572.071	TOTAL STATE	291.726	5118.905

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	5267	5244	4991
MSGENCO Hydro	933	1106	147
MSGENCO Gas	636	605	601
MSGENCO Total Generation	6836	6955	5739
Central Sector Receipt	3990	3918	2888
RGPPL	304	310	316
WIND	28	274	83
Exchange with TPCL	-578	-513	21
MSEDCL DEMAND MET	10580	10944	9047
Load Shedding	3860	3856	1511
MSEDCL DEMAND (INCL. LS)	14440	14800	10558
TPCL GENERATION	1221	1252	806
REL GENERATION	527	528	531
TPCL+REL DEMAND	2326	2293	1316
STATE DEMAND MET	12906	13237	10363
STATE DEMAND (INCL. LS)	16766	17093	11874
Frequency (Hz)	49.25	49.47	49.93
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5261 at 13.00 Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			91.55 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.23 Hz at 18.03 Hrs	48.82 Hz at 11.13 Hrs	49.46	3.4 % 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/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.42	28.98	74	37	70
Unit 2	1.68	31.08	79	53	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.54	28.74	82	33	70
Unit 5	4.18	71.75	190	157	180
Unit 6	0.00	25.94	0	0	0
Unit 7	4.12	74.84	182	154	160
	12.94	261.33			550
Bhusawal					
Unit 1	0.62	10.88	29	22	25
Unit 2	0.00	50.64	0	0	0
Unit 3	4.39	74.08	195	172	190
	5.01	135.60			215
Parli					
Unit 1	0.49	9.44	22	19	20
Unit 2	0.55	10.38	26	20	20
Unit 3	4.02	68.37	183	129	175
Unit 4	3.82	71.96	188	133	170
Unit 5	0.00	59.57	0	0	0
Unit 6	5.20	91.11	248	167	250
	14.08	310.83			635
Chandrapur					
Unit 1	4.06	62.38	174	156	170
Unit 2	4.20	74.33	178	171	170
Unit 3	5.08	73.06	212	208	210
Unit 4	4.45	82.32	198	0	195
Unit 5	9.89	168.41	456	352	425
Unit 6	9.48	172.42	420	350	400
Unit 7	9.91	150.09	470	352	450
	47.07	783.01			2020
Paras					
Unit 2	1.08	16.16	48	42	50
Unit 3	5.05	91.37	236	149	225
	6.14	107.53			275
Khaparkheda					
Unit 1	4.70	85.99	205	184	200
Unit 2	4.48	83.34	196	178	200
Unit 3	4.73	84.81	202	189	200
Unit 4	4.76	85.28	211	191	200
	18.68	339.41			800
Nasik					
Unit 1	2.30	34.40	103	90	95
Unit 2	2.37	30.69	108	88	95
Unit 3	4.92	86.26	212	197	200
Unit 4	4.99	86.54	211	202	200
Unit 5	4.85	70.70	208	192	200
	19.42	308.59			790
Uran					
All Units	14.98	266.56	664	580	650
	14.98	266.56			650
Koyna					
Stage 1-2	2.20	41.86	265	35	600
Stage 4	10.27	93.69	837	0	250
Kovna 12&4 Total	12.47	135.55			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.49	28.78	240	0	240
	14.96	164.33			1090
Hydro					
KDPH	0.91	9.66	38	37	36
VTRNA	1.18	21.88	61	0	60
TILLARI	0.38	7.10	60	0	60
BHTGR/VEER	1.32	22.22	55	55	55
BHIRA T.R.	0.36	4.59	82	0	80
RNGR+BHTSA	0.38	6.33	16	15	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.97	12	0	0
GHATGHAR	0.00	4.74	0	0	0
	4.59	77.48			301
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.10	2.34			
Vankuswadi	0.21	5.35			
ATIT	0.02	0.61	3	0	
Kale	0.04	2.10			
Satara	0.08	2.15			
Shirala	0.06	1.62			
K Mahankal	0.02	0.27			
Supa	0.04	1.22			
Vita	0.66	9.93			
Dondaicha	0.46	13.00			
Sakri	0.10	2.45			
Nandurbar	0.06	1.90			
Khadakale	0.10	3.27			
Khaparale	0.02	0.85			
	1.98	47.07			
Dabhol					
RGPPPL II	7.42	129.56	316	298	300
RGPPPL III		0.00	0	0	
	7.42	129.56			300
Tata					
Trombay 4	3.16	49.00	138	118	110
Trombay 5	12.12	216.61	505	505	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.55	43.43	107	106	110
Trombay 7B	1.54	21.08	65	63	110
TATA Hydro	5.64	82.02	467	2	447
	25.00	412.13			1277
REL					
1&2	12.69	228.65	531	527	500
	12.69	228.65			500
Cent Sect					
Share					3607
					3607

MS PG CL	Thermal	123.33	2246.29		5285
	Thml+Gas	138.32	2512.85		5935
	Hydro	19.55	241.81		1391
	Total	157.87	2754.66		7326
State Total		204.96	3572.07		13010

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	5013	174	595	5782	316	71	3002	3017	-104	-90	9096	1570	10666	1432	12098	49.82
2	4991	147	601	5739	316	83	2928	2888	-7	21	9047	1511	10558	1316	11874	49.93
3	4979	152	617	5748	314	81	2910	3111	18	49	9303	1428	10731	1275	12006	49.87
4	4994	152	638	5784	314	73	2909	3463	18	54	9688	1308	10996	1271	12267	49.92
5	5019	172	653	5844	314	78	2909	3386	20	50	9672	2235	11907	1275	13182	49.68
6	5120	636	664	6420	314	63	2955	3316	-28	-2	10111	2644	12755	1325	14080	49.45
7	5222	819	662	6703	314	60	3077	3050	-148	-124	10003	3648	13651	1503	15154	49.36
8	5264	546	664	6474	314	42	3440	3449	-157	-131	10148	3962	14110	1623	15733	49.24
9	5264	619	660	6543	314	34	3412	3593	-180	-162	10322	4228	14550	1822	16372	49.52
10	5273	832	634	6739	308	37	3741	3780	-501	-475	10389	4186	14575	2161	16736	49.21
11	5267	933	636	6836	304	28	3734	3990	-601	-578	10580	3860	14440	2326	16766	49.25
12	5153	1257	626	7036	298	24	3724	3879	-601	-585	10652	4097	14749	2388	17137	49.15
13	5064	1442	618	7124	298	25	3718	3842	-601	-580	10709	4045	14754	2354	17108	49.22
14	5113	1141	619	6873	302	38	3759	3963	-531	-499	10677	3985	14662	2242	16904	49.35
15	5094	1274	619	6987	300	39	3758	3807	-531	-503	10630	3873	14503	2277	16780	49.22
16	5101	1186	618	6905	300	55	3755	3818	-531	-503	10575	4009	14584	2304	16888	49.27
17	5130	1161	623	6914	303	66	3753	3827	-531	-503	10607	3903	14510	2286	16796	49.27
18	5238	1005	621	6864	308	113	3915	4169	-635	-599	10855	3715	14570	2296	16866	49.62
19	5249	1138	580	6967	311	204	3793	3981	-494	-459	11004	3711	14715	2176	16891	49.79
20	5244	1106	605	6955	310	274	3559	3918	-554	-513	10944	3856	14800	2293	17093	49.47
21	5263	1227	610	7100	311	161	3538	3916	-529	-473	11015	3363	14378	2148	16526	49.44
22	5260	1106	610	6976	311	152	3535	3631	-525	-465	10605	3385	13990	1978	15968	49.31
23	5117	791	605	6513	311	137	3596	3509	-541	-483	9987	3192	13179	1835	15014	49.37
24	4895	531	605	6031	312	91	3392	3471	-379	-324	9581	2469	12050	1667	13717	49.33
MUs	123.33	19.55	14.98	157.86	7.42	2.03	82.81	86.77	-8.65	-7.88	246.20	78.18	324.38	45.57	369.96	49.46

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/Feb/2009

Position as on 6.30 Hrs of 19/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	19/02/2009	03.15	Capital overhaul	
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
Parli Unit 5	210	15/02/2009	12.02		Continued.	Boiler Tube Leakage	20/02/2009
Bhusawal Unit 2	210	16/02/2009	19.37		Continued.	Boiler Tube Leakage	19/02/2009
Dabhol 1X	290	17/02/2009	13.14	18/02/2009	09.02	Gas/Air Purging system problem.	
Dabhol 1A	230	17/02/2009	13.17	18/02/2009	03.13	Gas/Air Purging system problem.	
Dabhol 1X	290	18/02/2009	13.22	18/02/2009	16.20	Tripped	
Dabhol 1A	230	18/02/2009	13.25	18/02/2009	17.33	Tripped	
Dabhol 1A	230	18/02/2009	19.02	19/02/2009	00.07	Tripped	
Dabhol 1X	290	18/02/2009	19.04	19/02/2009	02.51	Tripped	
Chandrapur Unit 4	210	18/02/2009	22.47	19/02/2009	01.45	Control Supply Failed.	

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

Position as on 6.30 Hrs of 19/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	18/02/2009	08.05	18/02/2009	18.12	Insulator Replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
KOLHAPUR-MAPUSA CKT II	17/02/2009	23.33	18/02/2009	07.55	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.
ICT-2 at N-Koyna	18/02/2009	08.34	18/02/2009	17.50	Tan Delta Measurment.
500 MVA 400/220 KV ICT at Jejuri	19/02/2009	00.48		Continued.	Replacement of isolator.
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.
Padghe - Nashik - II	18/02/2009	09.21	18/02/2009	18.51	C.T.Replacement.
220/132 KV,200 MVA ICT @ Bale	18/02/2009	10.00	18/02/2009	14.00	CTR Fire prot.sys.commissioning
Khaparkheda - Kanhan - II	18/02/2009	10.00	18/02/2009	13.14	Tan Delta Measurment.
Kolhapur-Karad-III	18/02/2009	10.16	18/02/2009	18.33	Outage for Wathar Tap Line Work.
APTA-TAMBATI	18/02/2009	10.46		Continued.	C.T.Replacement.
100 MVA,220/132 KV ICT @ Bale	18/02/2009	14.40	18/02/2009	17.15	CTR Fire prot.sys.commissioning
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.
Lonand - Jejuri	17/02/2009	23.48	18/02/2009	00.15	Hand Tripped as No Supply.
Lonikhand-Ranjangaon	18/02/2009	00.13	18/02/2009	09.11	To control Lonikand ICT Load.
Jejury - Lonand	18/02/2009	01.41	18/02/2009	05.21	Hand Tripped
Padghe - Nashik - II	18/02/2009	20.58	18/02/2009	22.16	H/T, Heavy noise in'B'phase C.T.
Khaparkheda - Kanhan - II	18/02/2009	21.13	19/02/2009	02.00	Heavy Sparking on Line Isol.
Voltage Level : 400KV			Outage Type TRIPPED		
500 MVA 400/220 KV ICT at Jejuri	17/02/2009	23.48	18/02/2009	05.10	Tripped,Bus Bar Protecion R ph L V side line Isolator Jaw Burnt & all 220 KV Lines Tripped.
Voltage Level : 220KV			Outage Type TRIPPED		
Jejuri-Jejuri I	17/02/2009	23.46	18/02/2009	02.43	H/T to control ICT load due to sparking
Jejuri - Baramati	17/02/2009	23.48	18/02/2009	02.39	Tripped
Jejuri-Phursungi	17/02/2009	23.48	18/02/2009	00.16	Tripped
K'gaon-Lonand	17/02/2009	23.48	18/02/2009	00.15	Tripped
Lonand - Baramati	17/02/2009	23.52	18/02/2009	02.41	Tripped
200MVA ICT-IV at Nasik OCR	18/02/2009	11.03	18/02/2009	17.50	Tripped on Diff.& REF Prot.
100MVA ICT-III at Nasik OCR	18/02/2009	11.03	18/02/2009	11.15	Tripped on O/C.
200MVA,220/132KV ICT-II	18/02/2009	12.45	18/02/2009	13.10	Trip,Buchholz Relay Optd.

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

Position as on 6.30 Hrs of 19/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
at Harangul					
Padghe - Jindal	18/02/2009	19.33	19/02/2009	01.40	Loc.No.99,Y ph Insul.Decaping
Voltage Level : 132KV			Outage Type TRIPPED		
Chalisgaon - 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 Tipped.
Ozar - Manmad	18/02/2009	13.50	18/02/2009	18.41	Tripped ,Dist.Prot.
null					
Voltage Level : 220KV			Outage Type TRIPPED		
Jejuri-Jejuri-II	17/02/2009	23.48	18/02/2009	03.30	Tripped

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	45
Unit 2	105	70
Unit 3	105	0
Unit 4	105	35
Unit 5	200	170
Unit 6	210	0
Unit 7	210	180
	1040	500
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	160
Unit 4	210	170
Unit 5	210	0
Unit 6	250	220
	940	590
Chandrapur		
Unit 1	210	165
Unit 2	210	175
Unit 3	210	210
Unit 4	210	180
Unit 5	500	425
Unit 6	500	400
Unit 7	500	425
	2340	1980
Paras		
Unit 2	55	45
Unit 3	250	230
	305	275
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	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	50
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	11
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	
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	150
Trombay 7A	120	120
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1427
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3431
	3143	3431