



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Feb/2010 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.794	1100.093	1) Madhya Pradesh	72.153	568.509
2) Hydro	8.790	69.696	2) Gujrat	22.743	227.962
3) Gas	10.118	105.523	3) Goa	-6.508	-55.987
Total MSGENCO	139.702	1275.312	4) TAPS 1&2 (Inj.)	5.710	60.249
B) OTHERS			5) Pench (Excess)	-0.077	-2.101
1) RGPPL Gas	31.183	273.042	# Total Cent. Sector	94.021	798.632
2) Wind Generation	4.748	21.036	F) Other Exchanges		
3) PENCH (MS)	0.077	2.101	1) With TPCL	-3.507	-41.802
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.436	207.257	1) MSEDCL Bilateral	5.925	52.976
2) TPCL Hydro	5.346	48.240	Include PX	0.000	1.247
TOTAL TPCL	31.782	255.497	2) MUMBAI Bilateral	3.827	40.709
3) REL Thermal	12.664	113.292	Include PX	2.338	26.931
D) STATE			3) MUMBAI Schedule	3.827	45.752
1) Thermal (A1+C1+C3)	159.894	1420.642	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.213	120.037	1) MSEDCL	266.224	2328.321
3) Gas (A3+B1)	41.301	378.565	2) TPCL	31.445	268.428
4) Wind (B2)	4.748	21.036	3) REL	16.510	142.062
TOTAL STATE	220.156	1940.280	TOTAL STATE	314.179	2738.811

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5018	5062	4971
MSGENCO Hydro	458	1268	148
MSGENCO Gas	380	438	402
MSGENCO Total Generation	5856	6768	5521
Central Sector Receipt	4601	3801	3240
RGPPL	1292	1293	1313
WIND	144	205	209
Exchange with TPCL	-269	-245	-31
MSEDCL DEMAND MET	11647	11832	10252
Load Shedding	3766	3955	0
MSEDCL DEMAND (INCL. LS)	15413	15787	10252
TPCL GENERATION	1671	1645	814
REL GENERATION	526	525	530
TPCL+REL DEMAND	2466	2415	1375
STATE DEMAND MET	14113	14247	11627
STATE DEMAND (INCL. LS)	17879	18202	11627
Frequency (Hz)	49.93	49.79	50.36
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5039 MW At 10.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			88.19 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.6 Hz at 02.58 Hrs	49.32 Hz at 19.35 Hrs	50.01	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 09/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.81	17.50	81	64	80
Unit 2	1.56	12.20	70	60	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.72	7.88	81	60	70
Unit 5	3.72	31.09	165	140	150
Unit 6	3.94	33.98	176	150	160
Unit 7	4.32	38.67	192	149	200
	17.08	141.32			730
Bhusawal					
Unit 1	1.13	9.54	50	34	50
Unit 2	4.51	40.31	196	163	195
Unit 3	4.50	41.16	192	181	195
	10.14	91.02			440
Parli					
Unit 1	0.56	5.06	24	22	23
Unit 2	0.53	4.84	24	20	23
Unit 3	3.75	34.16	169	143	160
Unit 4	4.49	36.04	202	157	200
Unit 5	0.00	0.00	0	0	0
Unit 6	6.03	55.57	253	250	250
	15.37	135.66			656
Chandrapur					
Unit 1	3.43	31.43	147	111	150
Unit 2	3.75	34.48	161	139	160
Unit 3	4.38	38.31	194	157	210
Unit 4	4.71	40.71	206	191	210
Unit 5	10.41	89.16	447	412	450
Unit 6	9.40	81.13	410	370	450
Unit 7	10.40	92.44	448	406	450
	46.48	407.67			2080
Paras					
Unit 2	1.06	9.81	46	41	46
Unit 3	4.42	39.34	206	130	210
	5.48	49.15			256
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.57	41.13	194	184	190
Unit 3	4.96	43.80	214	200	210
Unit 4	0.00	38.66	0	0	0
	9.53	123.59			400
Nasik					
Unit 1	2.22	14.93	98	87	100
Unit 2	0.00	15.31	0	0	0
Unit 3	4.96	36.32	217	195	200
Unit 4	4.71	42.43	209	189	200
Unit 5	4.83	42.68	207	182	200
	16.73	151.68			700
Uran					
All Units	10.12	105.52	546	376	540
	10.12	105.52			540
Koyna					
Stage 1-2	1.52	13.72	255	35	600
Stage 4	1.34	12.24	507	0	250
Kovna 12&4 Total	2.87	25.97			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.54	5.18	160	0	240
	3.41	31.15			1090
Hydro					
KDPH	0.58	0.58	38	0	0
VTRNA	0.00	3.64	0	0	0
TILLARI	0.37	3.26	60	0	60
BHTGR/VEER	1.97	15.25	82	82	60
BHIRA T.R.	0.28	2.51	82	0	80
RNGR+BHTSA	0.28	2.61	13	11	14
BHANDARDRA	0.55	1.20	32	14	35
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.04	0.48	10	0	10
GHATGHAR	1.30	7.74	125	0	0
	5.38	38.55			259
PENCH (MS)					
Pench (MS)	0.08	2.10	23	0	
	0.08	2.10			
Wind					
MalharPeth	0.07	0.78			
Vankuswadi	0.21	2.24			
ATIT	0.04	0.82			
Kale	0.04	0.60			
Satara	0.15	0.89			
Shirala	0.08	0.72			
K Mahankal	0.01	0.30			
Supa	0.04	0.52			
Vita	0.19	3.76			
Dondaicha	2.72	6.69			
Sakri	0.33	1.04			
Nandurbar	0.48	0.91			
Khadakale	0.11	0.89			
Khaparale	0.27	0.88			
	4.75	21.04			
Dabhol					
RGPP L II	31.18	273.04	1313	1284	1210
RGPP L III	0.00	0.00	0	0	
	31.18	273.04			1210
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	7.00	22.31	370	175	500
Trombay 6	10.54	101.14	510	275	500
Trombay 7A	2.27	21.96	127	70	120
Trombay 7B	1.43	13.41	69	52	60
Trombay 8	5.20	48.44	250	150	250
TATA Hydro	5.35	48.24	481	0	447
	31.78	255.50			1877
REL					
1&2	12.66	113.29	532	523	500
	12.66	113.29			500
Cent Sect					
Share					3234
					3234

MS PG CL	Thermal	120.79	1100.09		5262
	Thml+Gas	130.91	1205.62		5802
	Hydro	8.79	69.70		1349
	Total	139.70	1275.31		7151
State Total		220.16	1940.28		13972

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Feb/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	5028	147	542	5717	1305	157	2650	3378	-37	-35	10522	897	11419	1565	12984	50.21
2	5048	157	546	5751	1305	179	2655	3408	-37	-32	10611	0	10611	1506	12117	50.56
3	4983	147	545	5675	1311	209	2655	3410	-37	-32	10573	0	10573	1396	11969	50.40
4	4971	148	402	5521	1313	209	2659	3240	-37	-31	10252	0	10252	1375	11627	50.36
5	5006	148	409	5563	1310	237	2659	3721	-37	-30	10801	397	11198	1376	12574	50.04
6	5103	166	389	5658	1309	254	2635	3917	-37	-29	11109	2302	13411	1463	14874	50.00
7	5128	176	389	5693	1311	253	2870	3315	53	63	10635	3309	13944	1645	15589	50.04
8	5107	171	388	5666	1310	305	2827	3519	53	66	10866	3665	14531	1782	16313	49.95
9	5067	205	386	5658	1306	175	2808	3652	53	67	10858	3860	14718	1909	16627	49.93
10	5091	286	385	5762	1299	165	3098	4144	-226	-208	11171	3988	15159	2191	17350	49.88
11	5054	484	382	5920	1298	136	3219	4510	-226	-211	11676	3657	15333	2351	17684	50.04
12	5018	458	380	5856	1292	144	3279	4601	-279	-269	11647	3766	15413	2466	17879	49.93
13	5013	327	379	5719	1290	155	3281	4166	-279	-288	11042	3707	14749	2483	17232	49.91
14	5051	327	378	5756	1290	174	3297	4227	-279	-287	11160	3686	14846	2348	17194	49.97
15	5064	306	382	5752	1291	181	3294	4351	-279	-285	11290	3817	15107	2341	17448	50.00
16	5007	316	382	5705	1284	196	3240	4199	-279	-288	11096	3672	14768	2333	17101	49.87
17	4988	306	383	5677	1286	246	3274	4241	-279	-290	11160	3706	14866	2330	17196	49.88
18	5003	412	387	5802	1287	234	3335	4382	-279	-286	11419	3344	14763	2336	17099	49.85
19	5078	983	376	6437	1290	240	3128	3926	-283	-288	11615	3833	15448	2396	17844	49.78
20	5062	1268	438	6768	1293	205	3113	3801	-283	-245	11832	3955	15787	2415	18202	49.79
21	5024	980	410	6414	1296	177	3020	4236	-193	-132	11993	3696	15689	2267	17956	49.88
22	5032	476	430	5938	1301	163	3122	4150	-193	-128	11424	3704	15128	2130	17258	49.99
23	4975	202	512	5689	1301	163	3062	3990	-226	-188	10955	3394	14349	1812	16161	50.01
24	4891	197	518	5606	1305	195	2915	3539	-181	-121	10524	2123	12647	1737	14384	50.02
MUs	120.79	8.79	10.12	139.70	31.18	4.75	72.10	94.02	-3.83	-3.51	266.23	68.48	334.71	47.95	382.66	50.01

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 09/Feb/2010

Position as on 6.30 Hrs of 10/Feb/2010

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
Khaparkheda Unit 1	210	05/01/2010	23.57		Continued.	AOH	09/02/2010
Koradi Unit 3	105	09/01/2010	00.17		Continued.	COH.	21/03/2010
Uran Unit 6	108	20/01/2010	01:22		Continued.	Major Overhauling work.	05/03/2010
Koyna Unit 9	80	20/01/2010	11:00		Continued.	AOH.	19/02/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Dabhol 1B	230	30/01/2010	01.45		Continued.	Turbine temp.high	10/02/2010
Parli Unit 5	210	30/01/2010	17.34		Continued.	Hydrogen Leakage	14/02/2010
Cent_Sect TARAPUR-3	540	08/02/2010	01.47		Continued.	Tripped.	13/02/2010
Nasik Unit 2	125	08/02/2010	10.55		Continued.	Boiler Tube Leakage.	10/02/2010
Khaparkheda Unit 4	210	08/02/2010	17.43	09/02/2010	4:16	Boiler Tube Leakage.	
Uran Unit 5	108	09/02/2010	03.13	09/02/2010	19.20	Replacement of Air Fillter.	
Uran Unit A0	120	09/02/2010	03.13	09/02/2010	22.27	Boiler Not Available.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Feb/2010

Position as on 6.30 Hrs of 10/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
HALKARNI-TILLARY	09/02/2010	09.05	09/02/2010	15.13	Insulator Replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Boiser-Taps	09/02/2010	09.15	09/02/2010	16.20	C.B.Gas Leakage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	30/01/2010	16.23		Continued.	Hand Tripped For Over Voltage.
Akola - Wardha - II	05/02/2010	09.22		Continued.	H/T.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	06/02/2010	10.15		Continued.	R Ph.of breaker caught fire.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-I at Kharghar	04/02/2010	12.18		Continued.	Taken on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Aurangabad - Padegaon - I.	27/01/2010	16:35		Continued.	BKR. Replacement work, ckt on TBC. (15 days)
Trombay-Kalwa	08/02/2010	11.00	10/02/2010	05.38	C R Pannel Replacement.
TBC at Kalwa.	08/02/2010	11.35		Continued.	Replacement of 29 C Isolator.
Bus Coupler Bay @ Karad	08/02/2010	12.02		Continued.	Isolator and Breaker Replacement.
220/33 KV,100 MVA ICT - I @ Ghatnandrai	09/02/2010	08.00	09/02/2010	13.11	Quarterly Maintainance.
Wankuswadi-Satara I	09/02/2010	08.45	09/02/2010	11.20	Aux.Bus Isolator Replacement.
Kandalgaon-Mhasale	09/02/2010	09.10	09/02/2010	17.10	Routine Maintainance.
New Koyna - Pawas	09/02/2010	09.23	09/02/2010	17.59	Insulator Cleaning.
220/22 KV 50 MVA T/F - 3 @ Colour Chem	09/02/2010	10.45	09/02/2010	18.05	Routine Maintainance.
Nigade - Peth	09/02/2010	10.48	09/02/2010	15.05	Quarterly Maintainance.
220/33KV,50MVA T/F -I at Harangul	09/02/2010	11.20	09/02/2010	16.20	Quarterly Maintainance.
220/33 KV,100 MVA ICT - II @ Ghatnandrai	09/02/2010	14.00	09/02/2010	17.00	Quarterly Maintainance.
Baramati-Kurkumb	09/02/2010	15.52	09/02/2010	16.52	Relay Testing.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kallamb - Bhoom	09/02/2010	09.45	09/02/2010	15.30	Quarterly Maintainance.
Bhoom-Kherda	09/02/2010	09.45	09/02/2010	15.30	Quarterly Maintainance.
Chalisgaon - Chalisgaon - II	09/02/2010	10.10	09/02/2010	12.35	Replacement of L A.
132 KV BUS @ Renapur	09/02/2010	12.00	09/02/2010	14.35	Quarterly Maintainance.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV 100MVA ICT at Yavatmal	09/02/2010	10.00	09/02/2010	17.52	To Attend Oil Leakages.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	08/02/2010	18:00		Continued.	H/T fro both end.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Karad-Wathar	10/02/2010	05.15		Continued.	Breaker Air Leakage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV, 25MVA T/F at	26/01/2010	09:50		Continued.	Buccholtz Trip.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Feb/2010

Position as on 6.30 Hrs of 10/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Gadchandur					
Boisor-Versova	09/02/2010	10.25	09/02/2010	10.48	Distance Protection,Z 1
Voltage Level : 132KV			Outage Type TRIPPED		
132/33 KV,25 MVA T/F-I at Katol	23/01/2010	10.44		Continued.	Differential protection operated.
Dhule - Dhule	08/02/2010	18.45	09/02/2010	00.33	Distance Protection.
Madgi-Bhandara-II	09/02/2010	18.54	09/02/2010	19.10	Distance Protection Operated, Z-1.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	70
Unit 3	105	0
Unit 4	105	80
Unit 5	200	160
Unit 6	210	170
Unit 7	210	190
	1040	750
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	160
Unit 4	210	200
Unit 5	210	0
Unit 6	250	250
	940	656
Chandrapur		
Unit 1	210	150
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2080
Paras		
Unit 2	55	46
Unit 3	250	210
	305	256
Khaparkheda		
Unit 1	210	0
Unit 2	210	190
Unit 3	210	210
Unit 4	210	100
	840	500
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	195
Unit 4	210	200
Unit 5	210	200
	870	690
Uran		
All Units	852	510
	852	510
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	0
TILLARI	60	60
BHTGR/VEER	21	80
BHIRA T.R.	80	75
RNGR+BHTSA	20	12
BHANDARDRA	45	22
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	295
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		
RGPPPL II	960	1211
RGPPPL III	740	
	1700	1211
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3047
	3143	3047