



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

State Load Dispatch Center, Airoli

Daily system Report

for

28/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 28/Feb/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.672	3482.604	1) Madhya Pradesh	59.271	1669.719
2) Hydro	6.748	248.021	2) Gujrat	29.750	675.787
3) Gas	11.493	330.785	3) Goa	-6.501	-176.892
Total MSGENCO	143.913	4061.410	4) TAPS 1&2 (Inj.)	7.305	198.479
B) OTHERS			5) Pench (Excess)	-0.334	-10.772
1) RGPPL Gas	30.723	909.046	# Total Cent. Sector	89.491	2356.321
2) Wind Generation	1.949	75.689	F) Other Exchanges		
3) PENCH (MS)	0.334	10.772	1) With TPCL	-0.069	-83.114
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.802	692.704	1) MSEDCL Bilateral	5.912	165.044
2) TPCL Hydro	0.446	121.094	Include PX	0.000	1.247
TOTAL TPCL	27.248	813.798	2) MUMBAI Bilateral	1.477	102.874
3) REL Thermal	12.602	354.637	Include PX	0.658	59.267
D) STATE			3) MUMBAI Schedule	1.477	107.917
1) Thermal (A1+C1+C3)	165.076	4529.945	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.528	379.887	1) MSEDCL	266.341	7330.124
3) Gas (A3+B1)	42.216	1239.831	2) TPCL	25.389	814.985
4) Wind (B2)	1.949	75.689	3) REL	14.530	436.545
TOTAL STATE	216.769	6225.352	TOTAL STATE	306.260	8581.654

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5257	5288	5288
MSGENCO Hydro	422	318	231
MSGENCO Gas	459	484	485
MSGENCO Total Generation	6138	6090	6004
Central Sector Receipt	4144	3960	3326
RGPPL	1255	1283	1287
WIND	70	129	132
Exchange with TPCL	-13	-22	-18
MSEDCL DEMAND MET	11612	11486	10731
Load Shedding	3547	3945	2071
MSEDCL DEMAND (INCL. LS)	15159	15431	12802
TPCL GENERATION	1260	1390	868
REL GENERATION	531	529	513
TPCL+REL DEMAND	1804	1941	1399
STATE DEMAND MET	13416	13427	12130
STATE DEMAND (INCL. LS)	16963	17372	14201
Frequency (Hz)	49.68	50.03	49.76
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4486 MW At 15.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			91.08 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.42 Hz at 17.04 Hrs	49.29 Hz at 22.09 Hrs	49.85	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 28/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.55	47.20	75	58	60
Unit 2	1.66	42.91	75	61	60
Unit 3	0.00	0.00	0	0	0
Unit 4	1.85	36.04	87	63	75
Unit 5	3.75	101.70	168	145	150
Unit 6	3.78	104.99	168	146	150
Unit 7	4.76	121.84	205	180	180
	17.34	454.68			675
Bhusawal					
Unit 1	1.24	32.48	53	50	50
Unit 2	4.43	126.86	196	163	175
Unit 3	4.65	128.40	195	185	195
	10.32	287.74			420
Parli					
Unit 1	0.58	15.58	26	23	23
Unit 2	0.58	15.20	24	23	23
Unit 3	3.72	89.16	170	140	160
Unit 4	4.68	112.40	203	180	200
Unit 5	4.33	55.35	192	169	190
Unit 6	6.01	166.68	254	240	250
	19.90	454.37			846
Chandrapur					
Unit 1	2.79	95.26	150	70	150
Unit 2	3.65	100.65	156	147	150
Unit 3	4.40	115.34	198	160	210
Unit 4	4.76	125.95	202	193	210
Unit 5	9.72	280.28	440	382	450
Unit 6	9.11	252.34	410	340	400
Unit 7	10.11	285.23	446	399	450
	44.54	1255.05			2020
Paras					
Unit 2	0.00	23.47	0	0	0
Unit 3	0.00	66.95	0	0	0
	0.00	90.42			0
Khaparkheda					
Unit 1	5.04	83.00	215	203	210
Unit 2	0.00	122.11	0	0	0
Unit 3	5.02	138.67	214	199	210
Unit 4	4.26	117.35	213	0	210
	14.32	461.14			630
Nasik					
Unit 1	2.26	51.65	100	92	95
Unit 2	2.29	47.51	100	92	95
Unit 3	5.01	122.65	215	200	205
Unit 4	4.78	122.70	208	190	205
Unit 5	4.90	134.68	209	198	205
	19.24	479.19			805
Uran					
All Units	11.49	330.78	499	452	480
	11.49	330.78			480
Koyna					
Stage 1-2	1.18	49.97	110	40	600
Stage 4	0.00	39.39	0	0	250
Kovna 12&4 Total	1.18	89.36			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.26	18.40	146	0	320
	1.44	107.76			1170
Hydro					
KDPH	0.46	9.74	20	19	20
VTRNA	1.18	16.53	61	0	60
TILLARI	0.36	10.25	60	0	60
BHTGR/VEER	2.38	52.22	99	99	97
BHIRA T.R.	0.10	6.07	40	0	80
RNGR+BHTSA	0.29	8.52	13	12	12
BHANDARDRA	0.00	13.89	5	0	0
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	0
GHATGHAR	0.53	20.96	125	0	0
	5.30	140.26			329
PENCH (MS)					
Pench (MS)	0.33	10.77	47	0	
	0.33	10.77			
Wind					
MalharPeth	0.13	3.26			
Vankuswadi	0.31	7.47			
ATIT	0.11	2.80			
Kale	0.12	2.48			
Satara	0.11	3.92			
Shirala	0.12	2.66			
K Mahankal	0.04	1.35			
Supa	0.06	2.24			
Vita	0.48	12.98			
Dondaicha	0.15	20.74			
Sakri	0.04	3.47			
Nandurbar	0.01	3.06			
Khadakale	0.23	6.18			
Khaparale	0.04	3.06			
	1.95	75.69			
Dabhol					
RGPP L II	30.72	909.05	1297	1255	1249
RGPP L III	0.00	0.00	0	0	
	30.72	909.05			1249
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.12	196.05	470	300	450
Trombay 6	6.66	234.08	425	150	500
Trombay 7A	2.89	71.68	126	115	120
Trombay 7B	1.64	42.44	69	67	60
Trombay 8	5.50	148.46	250	153	250
TATA Hydro	0.45	121.09	94	0	447
	27.25	813.80			1827
REL					
1&2	12.60	354.64	531	503	500
	12.60	354.64			500
Cent Sect					
Share					2998
					2998

MS PG CL	Thermal	125.67	3482.60		5396
	Thml+Gas	137.16	3813.39		5876
	Hydro	6.75	248.02		1499
	Total	143.91	4061.41		7375
State Total		216.77	6225.35		13949

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	5257	266	486	6009	1285	60	2881	3469	-69	-23	10800	2118	12918	1593	14511	49.68
2	5244	231	486	5961	1285	108	2846	3391	-69	-20	10725	2188	12913	1477	14390	49.65
3	5288	231	485	6004	1287	132	2843	3326	-69	-18	10731	2071	12802	1399	14201	49.76
4	5277	236	489	6002	1290	116	2843	3090	-69	-18	10480	2405	12885	1357	14242	49.92
5	5289	246	490	6025	1286	116	2843	3131	-69	-19	10539	2533	13072	1340	14412	49.74
6	5284	266	494	6044	1287	124	2777	3265	-69	49	10789	2852	13641	1377	15018	49.75
7	5338	236	499	6073	1296	115	3067	3066	21	70	10626	3659	14285	1464	15749	49.93
8	5363	230	496	6089	1297	109	3065	3194	21	67	10756	3896	14652	1479	16131	49.94
9	5335	233	496	6064	1289	83	3061	3344	17	41	10821	3912	14733	1532	16265	49.86
10	5313	293	489	6095	1281	84	3131	3825	-66	-19	11266	3769	15035	1683	16718	49.82
11	5255	307	471	6033	1268	94	3116	4232	-66	-14	11613	3406	15019	1769	16788	49.74
12	5257	422	459	6138	1255	70	3113	4144	-66	-13	11612	3547	15159	1804	16963	49.68
13	5236	502	454	6192	1258	36	3112	4161	-66	-20	11648	3574	15222	1775	16997	49.73
14	5239	371	452	6062	1271	24	3110	4085	-66	-22	11441	3579	15020	1780	16800	50.00
15	5248	170	459	5877	1271	24	3111	4130	-66	-25	11280	3727	15007	1770	16777	49.97
16	5237	175	460	5872	1269	26	3110	4106	-66	-26	11247	3554	14801	1729	16530	49.97
17	5193	170	466	5829	1271	24	3106	4279	-66	-27	11376	3526	14902	1715	16617	49.98
18	5171	207	469	5847	1279	32	3106	4176	-66	-29	11305	3120	14425	1712	16137	50.14
19	5226	296	479	6001	1283	88	2851	3879	-67	-27	11237	3705	14942	1785	16727	49.95
20	5288	318	484	6090	1283	129	2973	3960	-67	-22	11486	3945	15431	1941	17372	50.03
21	5131	310	484	5925	1283	139	2978	3986	-67	-2	11378	3592	14970	1939	16909	49.87
22	5058	280	479	5817	1283	98	2984	3962	-67	-3	11203	3609	14812	1877	16689	50.03
23	5063	386	484	5933	1283	62	2985	3733	-154	-5	11053	3431	14484	1848	16332	49.58
24	5082	366	483	5931	1283	56	2936	3557	-107	56	10929	2438	13367	1774	15141	49.79
MUs	125.67	6.75	11.49	143.91	30.72	1.95	71.95	89.49	-1.48	-0.07	266.34	78.16	344.50	39.92	384.42	49.85

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 28/Feb/2010

Position as on 6.30 Hrs of 01/Mar/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
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
Paras Unit 3	250	16/02/2010	02:35		Continued.	AOH.	05/03/2010
Khaparkheda Unit 2	210	27/02/2010	23:41	01/03/2010	04:20	Renevation of Boiler Validity (Inspection)	
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 1A	230	21/02/2010	00:02		Continued.	Combustion Inspection.	03/03/2010
Paras Unit 2	55	24/02/2010	00:26	01/03/2010	02:46	Steam Tube Leakage	
Khaparkheda Unit 4	210	28/02/2010	20:22	01/03/2010	20:56	Boiler Tube Leakage.	
Paras Unit 2	55	01/03/2010	07:30	01/03/2010	13:18	Aux.T/F trip.	
Bhusawal Unit 3	210	01/03/2010	07:31	01/03/2010	11:53	I.D.fan problem.	
Chandrapur Unit 1	210	01/03/2010	08:49		Continued.	Boiler Tube Leakage	
Bhusawal Unit 3	210	01/03/2010	12:18	01/03/2010	14:05	Boiler tripped.	
Cent_Sect NTPC(V-6)	210	01/03/2010	16:05	01/03/2010	19:57	Tripped on flame failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Feb/2010

Position as on 6.30 Hrs of 01/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Kolhapur-Mapusa Ckt I	26/02/2010	10.13	28/02/2010	14.50	Taken on TBC,(Y Ph isolator problem).
Kolhapur - Mapusa - II	28/02/2010	08.39	28/02/2010	19.50	Construction of Solapur Bay.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	30/01/2010	16.23		Continued.	Hand Tripped For Over Voltage.
Wardha - Akola - I	16/02/2010	11.01		Continued.	To control Voltage at Akola
Akola - Aurangabad - I	26/02/2010	15.30		Continued.	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur-Mapusa Ckt I	28/02/2010	14.50	28/02/2010	15.07	Fault @ Mapusa End Line Was Charged From Kolhapur End.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
BUS COUPLER @ KHAGHAR	24/02/2010	10:07		Continued.	Breaker Overhauling.
Main Bus -I at Kolhapur	26/02/2010	11.07		Continued.	Errection of Tower CT3,on 400KV M.B.side.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132KV 80MVA ICT at Nanded	19/02/2010	10.48		Continued.	Augmentation of ICT by 200 MVA.
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
Karad-M'peth	25/02/2010	08:00		Continued.	Erection of new Tower.
Nasik-Padgha	27/02/2010	08.17		Continued.	Conductor Replacement.
Kalwa - Salshet - III	28/02/2010	08.05	28/02/2010	18.13	SMS Work,C.T.Tandelta Measurment.
220 KV Rly TSS Ckt.II at 220 KV Badnera	28/02/2010	13.15	28/02/2010	14.45	Red Hot on Isolator.
220/132 KV,100MVA ICT-I at Beed	28/02/2010	18.30	28/02/2010	20.20	Oil leakage of R Ph.bushing
Chinchwad - Hinjewadi	01/03/2010	15.02	01/03/2010	16.02	For tree cutting.
Vita - Miraj	01/03/2010	18.57	01/03/2010	20.07	Air compressor work at Miraj end.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	16/02/2010	11.22		Continued.	To control Chikhali ICT Loading
Voltage Level : 220KV			Outage Type TRIPPED		
K'gaon-Dasturi	28/02/2010	12.32	28/02/2010	13.20	Distance Protection.
Lote - Dasturi	28/02/2010	12.32	28/02/2010	15.05	General Trip Zone-I.
220 KV Main Bus - I @ Butibori	28/02/2010	13.45	28/02/2010	20.00	Bus Bar Protection Operated Due to Bursting of R Ph String Insulator.
Butibori-Indorama	28/02/2010	13.45	28/02/2010	15.05	Bus Bar Protection Operated.
Butibori - Sun Vijay	28/02/2010	13.45	28/02/2010	15.28	Bus Bar Protection Operated.
Koradi-Butibori	28/02/2010	13.45	28/02/2010	15.57	Bus Bar Protection Operated.
220/33 KV 50 MVA T/F-I @ Butibori	28/02/2010	13.45	28/02/2010	15.25	Bus Bar Protection Operated.
Inox - Butibori	28/02/2010	13.45	28/02/2010	15.40	Bus Bar Protection Operated.
Padgha - Jindal	01/03/2010	02.39	01/03/2010	15.47	Y Ph Coupling Capaciter Burst.
Padgha-Jambhul II	01/03/2010	02.39	01/03/2010	03.20	Maloperation.
Chinchwad - Hinjewadi	01/03/2010	13.14	01/03/2010	13.39	Distance protection.
Kandalgaon-Lonand	01/03/2010	18.50	01/03/2010	19.05	Tripped on distance protection

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Feb/2010

Position as on 6.30 Hrs of 01/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type TRIPPED		
Nanded - Ardhapur	28/02/2010	03.45	28/02/2010	04.04	Dist.Prot.
Kanhan-Pardi	01/03/2010	16.45	01/03/2010	19.50	Y Ph.LA burst at Kanhan end.
Kawlewada-Madgi-I	01/03/2010	22.05		Continued.	Y Ph. LA burst at Madgi end.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 01/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	70
Unit 5	200	160
Unit 6	210	160
Unit 7	210	180
	1040	710
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	185
Unit 6	250	250
	940	841
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	210
Unit 4	210	210
Unit 5	500	400
Unit 6	500	370
Unit 7	500	450
	2340	1940
Paras		
Unit 2	55	20
Unit 3	250	0
	305	20
Khaparkheda		
Unit 1	210	210
Unit 2	210	100
Unit 3	210	210
Unit 4	210	0
	840	520
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	205
Unit 4	210	205
Unit 5	210	205
	870	805
Uran		
All Units	852	480
	852	480
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	20
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	97
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	329
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	960	1249
RGPL III	740	
	1700	1249
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	2973
	3143	2973