



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Feb/2010 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.233	3356.932	1) Madhya Pradesh	54.462	1610.448
2) Hydro	10.190	241.273	2) Gujrat	31.979	646.037
3) Gas	11.094	319.292	3) Goa	-6.290	-170.391
Total MSGENCO	150.517	3917.497	4) TAPS 1&2 (Inj.)	7.308	191.174
B) OTHERS			5) Pench (Excess)	-0.477	-10.438
1) RGPPL Gas	30.358	878.323	# Total Cent. Sector	86.982	2266.830
2) Wind Generation	2.025	73.740	F) Other Exchanges		
3) PENCH (MS)	0.477	10.438	1) With TPCL	-2.240	-83.045
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.264	665.902	1) MSEDCL Bilateral	5.912	159.132
2) TPCL Hydro	3.989	120.648	Include PX	0.000	1.247
TOTAL TPCL	29.253	786.550	2) MUMBAI Bilateral	3.774	101.397
3) REL Thermal	12.617	342.035	Include PX	1.410	58.609
D) STATE			3) MUMBAI Schedule	3.774	106.440
1) Thermal (A1+C1+C3)	167.114	4364.869	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.656	372.359	1) MSEDCL	268.119	7063.783
3) Gas (A3+B1)	41.452	1197.615	2) TPCL	28.264	789.596
4) Wind (B2)	2.025	73.740	3) REL	15.846	422.015
TOTAL STATE	225.247	6008.583	TOTAL STATE	312.229	8275.394

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	5395	5445	5228
MSGENCO Hydro	838	304	256
MSGENCO Gas	461	352	493
MSGENCO Total Generation	6694	6101	5977
Central Sector Receipt	3584	4435	3102
RGPPL	1250	1252	1285
WIND	95	67	97
Exchange with TPCL	-168	-172	-18
MSEDCL DEMAND MET	11506	11734	10443
Load Shedding	3671	4115	2063
MSEDCL DEMAND (INCL. LS)	15177	15849	12506
TPCL GENERATION	1518	1525	810
REL GENERATION	527	526	526
TPCL+REL DEMAND	2213	2223	1354
STATE DEMAND MET	13719	13957	11797
STATE DEMAND (INCL. LS)	17390	18072	13860
Frequency (Hz)	49.58	49.70	49.91
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4917 MW At 21.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			92.54 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 18.33 Hrs	49.1 Hz at 14.19 Hrs	49.72	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 27/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.94	45.66	87	70	80
Unit 2	1.65	41.25	74	65	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.90	34.19	90	53	80
Unit 5	3.74	97.95	163	146	160
Unit 6	3.96	101.21	183	146	160
Unit 7	4.62	117.08	206	161	190
	17.82	437.34			740
Bhusawal					
Unit 1	1.21	31.24	52	50	50
Unit 2	4.58	122.44	197	181	195
Unit 3	4.64	123.74	195	185	195
	10.43	277.42			440
Parli					
Unit 1	0.56	15.00	24	22	23
Unit 2	0.55	14.62	24	20	23
Unit 3	2.17	85.44	163	0	0
Unit 4	4.31	107.71	201	149	200
Unit 5	4.32	51.02	200	143	190
Unit 6	6.01	160.68	257	245	250
	17.91	434.47			686
Chandrapur					
Unit 1	3.46	92.47	150	140	150
Unit 2	3.48	97.00	154	132	150
Unit 3	4.49	110.94	192	180	210
Unit 4	4.49	121.19	202	155	210
Unit 5	9.39	270.56	430	350	400
Unit 6	8.93	243.23	390	350	400
Unit 7	9.97	275.12	442	390	400
	44.21	1210.51			1920
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	4.98	77.96	215	195	210
Unit 2	4.49	122.11	196	81	190
Unit 3	5.00	133.65	215	200	210
Unit 4	5.07	113.10	216	208	210
	19.55	446.82			820
Nasik					
Unit 1	2.27	49.38	99	90	95
Unit 2	2.31	45.22	100	92	95
Unit 3	4.92	117.64	210	200	205
Unit 4	4.87	117.92	207	193	205
Unit 5	4.92	129.78	209	200	205
	19.30	459.95			805
Uran					
All Units	11.09	319.29	497	333	470
	11.09	319.29			470
Koyna					
Stage 1-2	2.40	48.78	365	40	600
Stage 4	2.00	39.39	393	0	250
Kovna 12&4 Total	4.40	88.17			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.53	18.14	146	0	320
	4.92	106.32			1170
Hydro					
KDPH	0.46	9.28	20	19	20
VTRNA	1.10	15.35	61	0	60
TILLARI	0.37	9.90	59	0	60
BHTGR/VEER	2.35	49.85	98	98	70
BHIRA T.R.	0.08	5.97	37	0	80
RNGR+BHTSA	0.30	8.22	13	12	13
BHANDARDRA	0.31	13.88	26	0	26
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	0
GHATGHAR	0.29	20.43	125	0	0
	5.26	134.96			329
PENCH (MS)					
Pench (MS)	0.48	10.44	51	0	
	0.48	10.44			
Wind					
MalharPeth	0.13	3.13			
Vankuswadi	0.24	7.16			
ATIT	0.05	2.69			
Kale	0.07	2.36			
Satara	0.09	3.81			
Shirala	0.07	2.55			
K Mahankal	0.03	1.31			
Supa	0.14	2.18			
Vita	0.45	12.50			
Dondaicha	0.08	20.60			
Sakri	0.02	3.43			
Nandurbar	0.01	3.04			
Khadakale	0.56	5.95			
Khaparale	0.09	3.02			
	2.02	73.74			
Dabhol					
RGPP L II	30.36	878.32	1287	1245	1259
RGPP L III	0.00	0.00	0	0	
	30.36	878.32			1259
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.29	185.93	430	270	500
Trombay 6	6.09	227.41	400	150	500
Trombay 7A	2.85	68.79	125	112	120
Trombay 7B	1.63	40.80	69	67	60
Trombay 8	5.40	142.97	250	150	250
TATA Hydro	3.99	120.65	470	0	447
	29.25	786.55			1877
REL					
1&2	12.62	342.04	531	503	500
	12.62	342.04			500
Cent Sect					
Share					3092
					3092

MS PG CL	Thermal	129.23	3356.93		5411
	Thml+Gas	140.33	3676.22		5881
	Hydro	10.19	241.27		1499
	Total	150.52	3917.50		7380
State Total		225.25	6008.58		14108

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	5163	266	493	5922	1280	85	2766	3419	-73	-17	10689	2148	12837	1553	14390	49.67
2	5227	256	494	5977	1280	90	2767	3214	-73	-19	10542	2209	12751	1436	14187	49.82
3	5228	256	493	5977	1285	97	2767	3102	-73	-18	10443	2063	12506	1354	13860	49.91
4	5259	261	496	6016	1286	109	2769	3086	-73	-18	10479	2327	12806	1310	14116	49.91
5	5314	261	495	6070	1283	145	2769	2898	-73	-19	10377	2460	12837	1321	14158	49.69
6	5330	326	497	6153	1285	152	2768	3008	-73	-18	10580	2776	13356	1413	14769	49.71
7	5389	266	497	6152	1287	162	2990	2935	17	74	10610	3669	14279	1509	15788	49.96
8	5368	266	497	6131	1287	172	2992	3330	17	75	10995	3844	14839	1535	16374	49.93
9	5425	266	497	6188	1282	150	2991	3334	17	74	11028	3848	14876	1632	16508	49.76
10	5428	314	488	6230	1265	147	3178	3268	-175	-116	10819	3848	14667	1965	16632	49.50
11	5430	628	477	6535	1260	126	3186	3687	-184	-123	11536	3525	15061	2161	17222	49.58
12	5395	838	461	6694	1250	95	3243	3584	-229	-168	11506	3671	15177	2213	17390	49.58
13	5409	1038	447	6894	1245	43	3257	3335	-229	-169	11398	3625	15023	2149	17172	49.49
14	5446	918	445	6809	1250	26	3267	3503	-229	-177	11436	3605	15041	2103	17144	49.65
15	5497	662	441	6600	1245	20	3266	3758	-229	-171	11478	3742	15220	2096	17316	49.50
16	5462	479	444	6385	1246	23	3262	3827	-229	-171	11310	3580	14890	2115	17005	49.58
17	5363	528	459	6350	1246	21	3267	4217	-229	-172	11662	3570	15232	2095	17327	49.59
18	5413	435	333	6181	1253	34	3280	4466	-229	-173	11761	248	12009	2028	14037	49.97
19	5438	413	355	6206	1255	53	2994	4165	-232	-177	11549	3883	15432	2092	17524	49.89
20	5445	304	352	6101	1252	67	3157	4435	-232	-172	11734	4115	15849	2223	18072	49.70
21	5461	289	479	6229	1254	57	3251	4558	-232	-178	11970	3776	15746	2161	17907	49.70
22	5501	235	484	6220	1261	50	3268	4178	-232	-179	11581	3810	15391	2033	17424	49.90
23	5458	435	485	6378	1259	42	3137	3611	-274	-133	11207	3429	14636	1842	16478	49.60
24	5369	250	485	6104	1262	59	3079	4064	-221	-75	11414	2432	13846	1771	15617	49.69
MUs	129.22	10.19	11.09	150.50	30.36	2.02	73.67	86.98	-3.77	-2.24	268.10	76.20	344.31	44.11	388.42	49.72

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 27/Feb/2010

Position as on 6.30 Hrs of 28/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
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
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
Parli Unit 3	210	24/02/2010	09:15	27/02/2010	04.00	Boiler Tube Leakage.	
Cent_Sect NTPC(V-5)	210	24/02/2010	22:59	27/02/2010	10.30	Clinker formation.	
Parli Unit 3	210	27/02/2010	05.19	27/02/2010	08.54	Drum level high	
Uran Unit 8	108	27/02/2010	16.18	27/02/2010	17.51	Generator Protection.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2010

Position as on 6.30 Hrs of 28/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d 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 : 220KV			Outage Type PLANNED OUTAGE		
NASIK-NAVASARI-II	27/02/2010	09.07	27/02/2010	17.07	R.M.Work.
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.
400 Kv Aux.Bus at Bhusawal II	27/02/2010	08.58	27/02/2010	21.00	Stringing Work for New Khadka Bay.
400/132KV,200MVA ICT-I at Bhusawal	27/02/2010	08.58	27/02/2010	21.00	Stringing Work for New Khadka Bay.
Main Bus-II at New Koyna	27/02/2010	09.30	27/02/2010	18.37	Extension of Bay for 400KV Jaigad.
Lonikand-Jejuri	27/02/2010	10.31	27/02/2010	18.05	On TBC,For Hanger Replacement A Bus @ Lonikand.
400/220 Kv ICT 2 at Nagothane	27/02/2010	11.46	27/02/2010	17.02	Checking of Trip Ckt Supervision. H V Side on TBC.
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.
M.Bus I @ Kalwa I s/s	26/02/2010	08.27	27/02/2010	14.30	To replace R Ph.line jumper crossing over 220KV Main Bus-I.
Nasik-Padgha	27/02/2010	08.17		Continued.	Conductor Replacement.
Babaleshwar - Nagar - I	27/02/2010	09.25	27/02/2010	15.50	Q.M.
220/100KV,100MVA ICT-IV at K'gaon	27/02/2010	16.13	27/02/2010	18.45	C.T.Testing.
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
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.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2010

Position as on 6.30 Hrs of 28/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
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.
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.
Butibori - Sun Vijay	28/02/2010	13.45	28/02/2010	15.28	Bus Bar Protection Operated.
Butibori-Indorama	28/02/2010	13.45	28/02/2010	15.05	Bus Bar Protection Operated.
Inox - Butibori	28/02/2010	13.45	28/02/2010	15.40	Bus Bar Protection Operated.
Voltage Level : 132KV			Outage Type TRIPPED		
Nanded - Umri	27/02/2010	23.53	27/02/2010	23.59	Dist.Prot.
Nanded - Ardhapur	28/02/2010	03.45	28/02/2010	04.04	Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	60
Unit 3	105	0
Unit 4	105	75
Unit 5	200	150
Unit 6	210	150
Unit 7	210	180
	1040	675
Bhusawal		
Unit 1	58	50
Unit 2	210	175
Unit 3	210	195
	478	420
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	160
Unit 4	210	200
Unit 5	210	190
Unit 6	250	250
	940	846
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	400
Unit 7	500	450
	2340	2020
Paras		
Unit 2	55	0
Unit 3	250	0
	305	0
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
	840	630
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	97
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
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	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2998
	3143	2998