



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Mar/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.986	2116.261	1) Madhya Pradesh	54.515	856.772
2) Hydro	30.945	267.750	2) Gujrat	23.196	500.466
3) Gas	13.181	215.875	3) Goa	-6.732	-105.715
Total MSGENCO	163.112	2599.886	4) TAPS 1&2 (Inj.)	7.214	123.539
B) OTHERS			5) Pench (Excess)	-0.479	-4.204
1) RGPPL Gas	29.788	506.687	# Total Cent. Sector	77.714	1370.858
2) Wind Generation	1.593	70.770	F) Other Exchanges		
3) PENCH (MS)	0.479	4.432	1) With TPCL	-4.414	-50.137
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.910	495.481	1) MSEDCL Bilateral	5.656	101.111
2) TPCL Hydro	5.084	67.584	Include PX	0.000	0.000
TOTAL TPCL	35.994	563.065	2) MUMBAI Bilateral	5.175	63.889
3) REL Thermal	12.624	214.991	Include PX	1.688	27.996
D) STATE			3) MUMBAI Schedule	5.175	63.889
1) Thermal (A1+C1+C3)	162.520	2826.733	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	36.508	339.766	1) MSEDCL	268.272	4502.496
3) Gas (A3+B1)	42.969	722.562	2) TPCL	34.427	535.001
4) Wind (B2)	1.593	70.770	3) REL	18.603	293.179
TOTAL STATE	243.590	3959.831	TOTAL STATE	321.302	5330.676

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	4835	4825	5109
MSGENCO Hydro	1634	2076	722
MSGENCO Gas	588	531	547
MSGENCO Total Generation	7057	7432	6378
Central Sector Receipt	3587	3406	2684
RGPPL	1240	1237	1249
WIND	65	42	87
Exchange with TPCL	-346	-240	52
MSEDCL DEMAND MET	11603	11928	10450
Load Shedding	3550	3893	1906
MSEDCL DEMAND (INCL. LS)	15153	15821	12356
TPCL GENERATION	1817	1821	1112
REL GENERATION	524	523	529
TPCL+REL DEMAND	2687	2584	1589
STATE DEMAND MET	14290	14512	12039
STATE DEMAND (INCL. LS)	17840	18405	13945
Frequency (Hz)	49.35	49.23	49.30
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5103 MW At 22.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			97.41 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50 Hz at 08.07 Hrs	48.78 Hz at 23.36 Hrs	49.26	12.36 % 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 17/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.96	24.45	86	78	80
Unit 2	1.66	27.29	74	65	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.96	28.79	90	72	80
Unit 5	3.76	60.44	164	152	160
Unit 6	3.74	62.29	163	145	160
Unit 7	4.59	55.02	205	172	205
	17.67	258.28			755
Bhusawal					
Unit 1	0.52	17.72	25	19	25
Unit 2	4.49	75.68	196	164	195
Unit 3	4.60	69.26	196	184	195
	9.61	162.66			415
Parli					
Unit 1	0.55	9.31	24	21	23
Unit 2	0.54	7.49	24	21	23
Unit 3	0.00	37.16	0	0	0
Unit 4	4.23	70.95	195	109	200
Unit 5	4.00	71.41	180	152	185
Unit 6	5.90	102.78	252	225	250
Unit 7	2.25	30.04	259	0	0
	17.47	329.15			681
Chandrapur					
Unit 1	3.40	46.83	147	132	150
Unit 2	3.30	58.34	147	124	150
Unit 3	4.06	69.54	197	134	160
Unit 4	4.40	77.25	192	167	210
Unit 5	0.00	127.57	0	0	0
Unit 6	9.54	152.00	425	380	425
Unit 7	10.64	173.43	457	422	475
	35.34	704.97			1570
Paras					
Unit 2	0.57	13.02	42	20	24
Unit 3	0.00	41.53	0	0	0
Unit 4	0.00	8.28	0	0	0
	0.57	62.83			24
Khaparkheda					
Unit 1	5.07	66.99	218	202	210
Unit 2	4.51	62.46	192	183	190
Unit 3	4.89	76.31	213	200	210
Unit 4	4.70	70.64	208	177	210
	19.18	276.41			820
Nasik					
Unit 1	2.35	38.38	104	90	100
Unit 2	2.32	38.58	99	94	100
Unit 3	4.93	83.26	210	202	205
Unit 4	4.76	79.81	208	192	205
Unit 5	4.79	81.93	203	186	205
	19.15	321.96			815
Koyna					
Stage 1-2	5.52	42.44	545	50	600
Stage 4	17.20	110.77	1110	0	250
Stage 3	4.19	32.15	240	0	240
	26.90	185.35			1090
Kovna 12&4 Total	22.71	153.21			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran					
All Units	13.18	215.88	646	468	630
	13.18	215.88			630
Hydro					
KDPH	0.00	10.15	0	0	36
VTRNA	0.00	11.84	0	0	0
TILLARI	0.37	3.23	60	0	60
BHTGR/VEER	2.39	38.51	100	99	95
BHIRA T.R.	0.16	3.31	70	0	80
RNGR+BHTSA	0.32	5.26	14	13	13
BHANDARDRA	0.00	1.01	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.81	9.10	120	0	0
	4.05	82.40			284
PENCH (MS)					
Pench (MS)	0.48	4.43	51	0	0
	0.48	4.43			0
Wind					
MalharPeth	0.05	3.12			
Vankuswadi	0.18	6.28			
ATIT	0.02	2.05			
Kale	0.08	2.45			
Satara	0.14	2.43			
Shirala	0.09	2.50			
K Mahankal	0.01	1.81			
Supa	0.07	1.90			
Vita	0.31	9.15			
Dondaicha	0.28	23.54			
Sakri	0.04	3.84			
Nandurbar	0.13	3.53			
Khadakale	0.14	4.70			
Khaparale	0.05	3.48			
	1.59	70.77			
Dabhol					
RGPPL	29.79	506.69	1257	1231	1200
	29.79	506.69			1200
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.84	168.36	410	410	410
Trombay 6	10.56	150.88	510	180	500
Trombay 7A	2.88	49.60	122	117	120
Trombay 7B	1.61	27.75	69	66	60
Trombay 8	6.02	98.91	254	250	250
TATA Hydro	5.08	67.58	471	0	447
	35.99	563.06			1787
REL					
1&2	12.62	214.99	530	523	500
	12.62	214.99			500
Cent Sect					
Share					3186
					3186

MS PG CL	Thermal	118.99	2116.26		5080
	Thml+Gas	132.17	2332.14		5710
	Hydro	30.94	267.75		1374
	Total	163.11	2599.89		7084
State Total		243.59	3959.83		13757

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/Mar/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	5114	1090	552	6756	1242	98	2746	2788	17	72	10981	2007	12988	1807	14795	49.18
2	5132	677	548	6357	1247	107	2747	2820	17	30	10586	2062	12648	1701	14349	49.24
3	5109	722	547	6378	1249	87	2748	2684	17	52	10450	1906	12356	1589	13945	49.30
4	5100	686	546	6332	1246	96	2750	2896	17	57	10627	2303	12930	1535	14465	49.22
5	5083	722	556	6361	1246	85	2751	2739	17	32	10463	2433	12896	1529	14425	49.19
6	5148	807	556	6511	1243	95	2753	2683	17	48	10605	2737	13342	1595	14937	49.14
7	5156	220	562	5938	1242	116	3041	2851	22	51	10223	3789	14012	1717	15729	49.22
8	5148	167	606	5921	1249	68	3025	3237	22	47	10536	4011	14547	1817	16364	49.45
9	5159	285	644	6088	1245	68	3022	2933	19	39	10373	3984	14357	1955	16312	49.45
10	5102	720	646	6468	1239	47	3440	3611	-337	-290	11075	3841	14916	2351	17267	49.30
11	4858	1407	637	6902	1237	55	3507	3695	-407	-365	11524	3495	15019	2599	17618	49.39
12	4835	1634	588	7057	1240	65	3509	3587	-407	-346	11603	3550	15153	2687	17840	49.35
13	4876	1605	504	6985	1243	56	3516	3790	-407	-386	11688	3506	15194	2692	17886	49.32
14	4863	1628	519	7010	1240	36	3483	3515	-407	-395	11406	3462	14868	2611	17479	49.36
15	4848	1713	515	7076	1233	37	3354	3506	-407	-404	11458	3621	15079	2630	17709	49.24
16	4858	1708	518	7084	1233	28	3365	3427	-407	-406	11391	3533	14924	2685	17609	49.34
17	4874	1625	519	7018	1232	50	3366	3330	-407	-397	11258	3545	14803	2648	17451	49.27
18	4806	1812	526	7144	1231	71	3403	3548	-454	-438	11581	3187	14768	2612	17380	49.34
19	4807	1800	532	7139	1234	58	3006	3298	-365	-348	11432	3746	15178	2540	17718	49.47
20	4825	2076	531	7432	1237	42	3055	3406	-288	-240	11928	3893	15821	2584	18405	49.23
21	4806	2049	532	7387	1231	44	3040	3469	-269	-214	11968	3581	15549	2506	18055	49.25
22	4791	2000	468	7259	1246	53	3042	3490	-269	-216	11883	3602	15485	2370	17855	49.10
23	4887	1927	508	7322	1245	66	3031	3328	-254	-198	11814	3204	15018	2188	17206	49.00
24	4802	1865	521	7188	1257	69	2987	3086	-254	-199	11426	2257	13683	2084	15767	48.94
MUs	118.99	30.94	13.18	163.11	29.79	1.60	74.69	77.72	-5.18	-4.41	268.28	77.26	345.53	53.03	398.57	49.26

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 17/Mar/2010

Position as on 6.30 Hrs of 18/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
Koyna Unit 12	80	03/03/2010	09.30		Continued.	Retrofitting work	05/04/2010
Parli Unit 3	210	11/03/2010	03.45		Continued.	Annual overhaul	05/04/2010
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.	
Uran Unit 3	60	05/03/2010	09.49		Continued.	Gas Restriction.	
Paras Unit 4	250	13/03/2010	21:45	18/03/2010	03.20	ESP Problem.	
Chandrapur Unit 5	500	14/03/2010	15.31		Continued.	Boiler Tube Leakage.	18/03/2010
Paras Unit 3	250	15/03/2010	09.58	18/03/2010	05.06	Boiler Tube Leakage.	
Dabhol 3B	230	15/03/2010	23.44	17/03/2010	21.04	Replacement of Air Intake Filters of CTG-3B.	
Dabhol 3X	290	15/03/2010	23.44	17/03/2010	23.37	Replacement of Air Intake Filters of CTG-3B.	
Parli Unit 7	250	17/03/2010	09.50	18/03/2010	03.47	Dream Level High.	
Uran Unit A0	120	17/03/2010	12.10	18/03/2010	00.09	Withdrawn.	
Cent_Sect NTPC(K-5)	500	17/03/2010	13:21		Continued.	BTL.	20/03/2010
Parli Unit 6	250	17/03/2010	23.55	18/03/2010	03.58	Boiler Feed Pump Problem.	
Nasik Unit 4	210	18/03/2010	01.10		Continued.	Boiler Auxiliary Transformer Problem.	
Cent_Sect NTPC(V-8)	500	18/03/2010	05:06		Continued.	BTL.	20/03/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2010

Position as on 6.30 Hrs of 18/Mar/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		
Padgha-Tarapur CKT - II	17/03/2010	08.10	17/03/2010	18.42	Preventive Maintanance Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - I	16/02/2010	11.01		Continued.	To control Voltage at Akola
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad-Lamboti	17/03/2010	11.00	17/03/2010	14.50	Q.M.Work.
Main Bus-I at New Koyna	17/03/2010	11.14	18/03/2010	00.28	Replacement of Bus Conductor Section of MB-I.
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.
Trombay - Sonkar	03/03/2010	08.00	17/03/2010	15.03	Repl.of Rusted Tower.
Trombay - Tifil	03/03/2010	08.28	17/03/2010	14.34	Repl.of Rusted Tower.
220/132KV, 100MVA ICT-I at Padegaon	10/03/2010	12.20		Continued.	ICT Replacement by 200MVA New ICT
220/132 KV T/F - II @ Boiser	11/03/2010	12.30		Continued.	Aumantation of new 200 MVA ICT.
Girawli-Parli-III	15/03/2010	14.04		Continued.	C B Replacement Work.
Kalwa - Ghatghar	16/03/2010	08.35		Continued.	Commissioning Work of 220KV Airoli Knowladge Park.
Kalwa-Nasik	16/03/2010	09.00		Continued.	Commissioning Work of 220KV Airoli Knowladge Park.
Sonkar - Tifil	17/03/2010	08.18		Continued.	To Remove Bunching Bet.Sonkar & Tifil.
Gadchandur-Virur-I	17/03/2010	10.25	17/03/2010	17.07	220 KV Isolator Erection Work.
Virur - Railway TSS-II	17/03/2010	10.45	17/03/2010	17.08	220 KV Isolator Erection Work.
K'gaon-ONGC	17/03/2010	10.48	17/03/2010	17.50	To Attend B Ph C T Oil Leakage.
220 KV Main Bus (Half Section) @ Bhugaon	17/03/2010	11.25	17/03/2010	15.35	Jumpering Work.
150MVA,220/132kv ICT at Bale	17/03/2010	11.45	17/03/2010	15.25	Q.M.Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kanhan - Mouda	17/03/2010	08.22	17/03/2010	17.32	Removal of Snapped E/W.
Kanhan - Bhandara	17/03/2010	08.25	17/03/2010	17.57	Removal of Sanpped E/W.
Solapur - Ujani	17/03/2010	09.32	17/03/2010	17.05	Maintenance Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Borivali-Aarey-II	17/03/2010	23.58	18/03/2010	03.10	Attending Hot Spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - II	08/03/2010	15.15		Continued.	Hand Tripped
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal- Aurangabad	07/03/2010	20.43		Continued.	Hand Tripped for Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
N.Koyna-Phinolex	17/03/2010	04.34	17/03/2010	05.42	Distanace Protection.
N.Koyna-Phinolex	17/03/2010	06.00	17/03/2010	16.22	Distanace Protection.
Loniland-Kathapur	17/03/2010	13.02	17/03/2010	14.00	Tripped.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2010

Position as on 6.30 Hrs of 18/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Lonikand-Ranjangaon	17/03/2010	13.02	17/03/2010	13.27	Tripped.
Babaleshwar - Nagar - I	17/03/2010	13.03	17/03/2010	13.10	Tripped on Over Loading.
BBLSR-A"Nagar II	17/03/2010	13.03	17/03/2010	13.19	Tripped on Over Loading.
132 KV Bus @ Phusingi	17/03/2010	18.56	17/03/2010	19.30	Faulty Bus Bar Protection Operated.
220/132 KV 200 MVA ICT-III at Phursungi	17/03/2010	18.56	17/03/2010	19.37	Tripped on Backup Protection.
220/132KV200MVA ICT IV @Phursungi	17/03/2010	18.56	17/03/2010	19.30	T/F on L V Side Tripped.
Voltage Level : 132KV			Outage Type TRIPPED		
132/3.3 KV 6 MVA Stn T/F @ Paras	15/03/2010	16.16		Continued.	B Ph C T Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	70
Unit 3	105	0
Unit 4	105	85
Unit 5	200	150
Unit 6	210	150
Unit 7	210	170
	1040	705
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	0
Unit 4	210	200
Unit 5	210	185
Unit 6	250	250
Unit 7	250	0
	1190	681
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	180
Unit 4	210	210
Unit 5	500	0
Unit 6	500	425
Unit 7	500	475
	2340	1590
Paras		
Unit 2	55	46
Unit 3	250	100
Unit 4	250	0
	555	146
Khaparkheda		
Unit 1	210	210
Unit 2	210	190
Unit 3	210	200
Unit 4	210	180
	840	780
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	200
Unit 4	210	0
Unit 5	210	205
	870	605
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	650

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	650
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	95
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	248
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		
RGPLL	960	1560
	960	1560
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	3048
	3143	3048

	17376	7 of 7	13870
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