



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Mar/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	122.962	2239.223	1) Madhya Pradesh	51.643	908.415
2) Hydro	23.467	291.217	2) Gujrat	23.461	523.927
3) Gas	14.833	230.708	3) Goa	-7.499	-113.214
Total MSGENCO	161.262	2761.148	4) TAPS 1&2 (Inj.)	7.220	130.759
B) OTHERS			5) Pench (Excess)	-0.601	-4.805
1) RGPPL Gas	35.797	542.484	# Total Cent. Sector	74.224	1445.082
2) Wind Generation	2.074	72.844	F) Other Exchanges		
3) PENCH (MS)	0.601	5.033	1) With TPCL	-4.794	-54.931
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.196	526.677	1) MSEDCL Bilateral	5.979	107.091
2) TPCL Hydro	5.915	73.499	Include PX	0.000	0.000
TOTAL TPCL	37.111	600.176	2) MUMBAI Bilateral	5.399	69.289
3) REL Thermal	12.628	227.619	Include PX	1.760	29.756
D) STATE			3) MUMBAI Schedule	5.399	69.289
1) Thermal (A1+C1+C3)	166.786	2993.519	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	29.983	369.749	1) MSEDCL	269.164	4771.660
3) Gas (A3+B1)	50.630	773.192	2) TPCL	35.338	570.339
4) Wind (B2)	2.074	72.844	3) REL	19.194	312.373
TOTAL STATE	249.473	4209.304	TOTAL STATE	323.696	5654.372

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	5339	5368	4304
MSGENCO Hydro	987	1593	638
MSGENCO Gas	612	624	644
MSGENCO Total Generation	6938	7585	5586
Central Sector Receipt	3438	3064	3366
RGPPL	1364	1568	1541
WIND	100	80	47
Exchange with TPCL	-422	-309	128
MSEDCL DEMAND MET	11469	12039	10668
Load Shedding	3725	3974	2349
MSEDCL DEMAND (INCL. LS)	15194	16013	13017
TPCL GENERATION	1826	1797	1220
REL GENERATION	525	523	529
TPCL+REL DEMAND	2773	2629	1621
STATE DEMAND MET	14242	14668	12289
STATE DEMAND (INCL. LS)	17967	18642	14638
Frequency (Hz)	49.25	49.30	49.18
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4550 MW At 15.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			93.63 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.04 Hz at 16.05 Hrs	48.79 Hz at 21.16 Hrs	49.2	19.47 % 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 18/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.81	26.26	81	68	80
Unit 2	1.60	28.89	72	59	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.94	30.72	86	76	85
Unit 5	3.62	64.06	159	145	150
Unit 6	3.67	65.96	164	140	150
Unit 7	4.47	59.50	205	165	170
	17.11	275.39			705
Bhusawal					
Unit 1	1.14	18.86	50	21	50
Unit 2	4.54	80.22	198	174	195
Unit 3	4.42	73.68	195	175	195
	10.10	172.76			440
Parli					
Unit 1	0.57	9.89	25	23	23
Unit 2	0.56	8.05	24	22	23
Unit 3	0.00	37.16	0	0	0
Unit 4	4.40	75.36	206	157	200
Unit 5	4.23	75.64	186	158	185
Unit 6	4.70	107.47	255	0	250
Unit 7	4.24	34.29	256	0	0
	18.71	347.86			681
Chandrapur					
Unit 1	3.24	50.07	144	120	150
Unit 2	3.10	61.44	145	102	150
Unit 3	3.86	73.41	180	140	180
Unit 4	4.35	81.60	194	164	210
Unit 5	2.38	129.96	388	0	0
Unit 6	9.41	161.41	415	375	425
Unit 7	10.31	183.74	451	365	475
	36.66	741.63			1590
Paras					
Unit 2	0.85	13.88	46	0	46
Unit 3	3.47	45.00	236	0	100
Unit 4	1.03	9.30	106	0	0
	5.35	68.18			146
Khaparkheda					
Unit 1	3.85	70.84	212	0	210
Unit 2	4.48	66.95	191	178	190
Unit 3	4.90	81.22	214	174	200
Unit 4	4.77	75.41	212	184	180
	18.00	294.41			780
Nasik					
Unit 1	2.28	40.66	101	85	100
Unit 2	2.23	40.81	102	82	100
Unit 3	4.86	88.12	207	193	200
Unit 4	3.02	82.84	197	0	0
Unit 5	4.64	86.57	202	184	205
	17.04	339.00			605
Koyna					
Stage 1-2	4.01	46.44	330	40	600
Stage 4	11.70	122.47	1041	0	250
Stage 3	4.85	37.00	240	80	240
	20.56	205.91			1090
Kovna 12&4 Total	15.70	168.91			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran					
All Units	14.83	230.71	670	535	650
	14.83	230.71			650
Hydro					
KDPH	0.00	10.15	0	0	0
VTRNA	0.00	11.84	0	0	0
TILLARI	0.00	3.23	0	0	60
BHTGR/VEER	2.38	40.89	100	97	95
BHIRA T.R.	0.20	3.51	78	0	80
RNGR+BHTSA	0.33	5.58	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	0.00	9.10	0	0	0
	2.91	85.31			248
PENCH (MS)					
Pench (MS)	0.60	5.03	51	0	
	0.60	5.03			
Wind					
MalharPeth	0.13	3.25			
Vankuswadi	0.21	6.49			
ATIT	0.09	2.14			
Kale	0.07	2.52			
Satara	0.06	2.49			
Shirala	0.08	2.58			
K Mahankal	0.05	1.86			
Supa	0.09	1.98			
Vita	0.69	9.84			
Dondaicha	0.12	23.66			
Sakri	0.01	3.86			
Nandurbar	0.05	3.58			
Khadakale	0.08	4.78			
Khaparale	0.34	3.83			
	2.07	72.84			
Dabhol					
RGPPL	35.80	542.48	1575	1331	1560
	35.80	542.48			1560
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.71	178.06	410	330	450
Trombay 6	11.00	161.88	510	230	500
Trombay 7A	2.85	52.45	121	116	120
Trombay 7B	1.62	29.36	68	65	60
Trombay 8	6.02	104.93	253	250	250
TATA Hydro	5.92	73.50	471	0	447
	37.11	600.18			1827
REL					
1&2	12.63	227.62	529	523	500
	12.63	227.62			500
Cent Sect					
Share					3048
					3048

MS PG CL	Thermal	122.96	2239.22			4947
	Thml+Gas	137.80	2469.93			5597
	Hydro	23.47	291.22			1338
	Total	161.26	2761.15			6935
State Total		249.47	4209.30			13870

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4497	1594	545	6636	1365	66	2686	3060	-63	-15	11112	2021	13133	1877	15010	49.10
2	4304	807	535	5646	1446	50	2617	3609	8	88	10839	2250	13089	1744	14833	49.09
3	4304	638	644	5586	1541	47	2619	3366	8	128	10668	2349	13017	1621	14638	49.18
4	4369	575	649	5593	1575	60	2620	3277	8	80	10598	2692	13290	1549	14839	49.38
5	4583	1104	639	6326	1574	88	2622	2620	8	76	10709	2512	13221	1532	14753	49.12
6	4787	1304	664	6755	1569	101	2454	2483	8	54	11013	2839	13852	1616	15468	48.98
7	4978	405	668	6051	1515	130	2776	2839	13	58	10644	3919	14563	1710	16273	49.19
8	5078	520	670	6268	1331	126	2823	2894	-34	10	10637	4146	14783	1850	16633	49.34
9	5132	444	657	6233	1354	132	2818	2658	-34	4	10381	4140	14521	2043	16564	49.12
10	5359	571	647	6577	1355	172	3178	3107	-343	-296	10927	4035	14962	2448	17410	49.25
11	5345	1020	630	6995	1361	136	3254	3278	-413	-368	11427	3729	15156	2674	17830	49.29
12	5339	987	612	6938	1364	100	3252	3438	-413	-422	11469	3725	15194	2773	17967	49.25
13	5321	947	591	6859	1376	64	3262	3230	-413	-439	11141	3631	14772	2765	17537	49.20
14	5427	921	558	6906	1461	54	3291	3359	-413	-427	11378	3585	14963	2722	17685	49.27
15	5415	1068	564	7047	1542	74	3267	3282	-413	-432	11538	3701	15239	2763	18002	49.21
16	5487	891	597	6975	1545	115	3252	3076	-413	-435	11301	3577	14878	2786	17664	49.27
17	5445	664	602	6711	1558	97	3280	3347	-413	-436	11302	3614	14916	2774	17690	49.43
18	5460	777	605	6842	1567	93	3284	3380	-413	-439	11443	3264	14707	2699	17406	49.42
19	5460	976	616	7052	1568	118	2908	3108	-323	-337	11535	3859	15394	2610	18004	49.38
20	5368	1593	624	7585	1568	80	2974	3064	-294	-309	12039	3974	16013	2629	18642	49.30
21	5387	1580	626	7593	1564	39	2959	3137	-271	-241	12143	3670	15813	2549	18362	49.05
22	5335	1333	627	7295	1564	29	2962	2841	-271	-239	11524	3694	15218	2478	17696	48.95
23	5373	1432	632	7437	1564	38	2951	2949	-256	-228	11795	3183	14978	2213	17191	49.03
24	5409	1316	631	7356	1570	65	2910	2822	-256	-229	11601	2271	13872	2108	15980	49.08
MUs	122.96	23.47	14.83	161.26	35.80	2.07	71.02	74.22	-5.40	-4.79	269.16	80.38	349.54	54.53	404.08	49.20

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 18/Mar/2010

Position as on 6.30 Hrs of 19/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	18/03/2010	14.49	Boiler Tube Leakage.	
Paras Unit 3	250	15/03/2010	09.58	18/03/2010	05.06	Boiler Tube Leakage.	
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	18/03/2010	12:11	BTL.	
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	18/03/2010	08.45	Boiler Auxiliary Transformer Problem.	
Cent_Sect NTPC(V-8)	500	18/03/2010	05:06		Continued.	BTL.	20/03/2010
Paras Unit 4	250	18/03/2010	16.25	18/03/2010	22.37	Deheater level low.	
Cent_Sect NTPC (K-2)	210	18/03/2010	17.07		Continued.	BTL.	20/03/2010
Khaparkheda Unit 1	210	18/03/2010	19.09		Continued.	BTL.	21/03/2010
Paras Unit 2	55	18/03/2010	20:50	19/03/2010	00:41	Stn. transformer "Y" Phase CT Burst. (Aux supply fail).	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2010

Position as on 6.30 Hrs of 19/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	18/03/2010	08:43	18/03/2010	20:29	Maintenance work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
PENCH-KANHAN	18/03/2010	11:50		Continued.	Breaker work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - I	16/02/2010	11.01		Continued.	To control Voltage at Akola
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - I	18/03/2010	15:03		Continued.	Dist. prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus-I at New Koyna	17/03/2010	11.14	18/03/2010	00.28	Replacement of Bus Conductor Section of MB-I.
Kalwa-Kharghar	18/03/2010	07:02	18/03/2010	16:20	To attend C.T. leakage & R M work.
400 kv Main Bus-I at New Koyna	18/03/2010	07:30	18/03/2010	10:10	Replacement of conductor.
Jejuri-Koyna STG-IV	18/03/2010	11:01	18/03/2010	16:15	Attending hot spot.
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.
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 Knowledge Park.
Kalwa-Nasik	16/03/2010	09.00		Continued.	Commissioning Work of 220KV Airoli Knowledge Park.
Sonkar - Tifil	17/03/2010	08.18		Continued.	To Remove Bunching Bet.Sonkar & Tifil.
Versova-Ghodbandar-II	18/03/2010	10:03	18/03/2010	17:12	Bay maintenance.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Borivali - Borivali - I	18/03/2010	22:23	19/03/2010	03:40	220 KV Borivali New Tie line 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 : 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.
Deepnagar - Jalgaon - I	18/03/2010	11:50	18/03/2010	12:53	Dist. prot.
Jalgaon-Deepnagar II	18/03/2010	11:56	18/03/2010	12:53	Dist. prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/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	80
Unit 5	200	140
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	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	200
Unit 5	500	400
Unit 6	500	425
Unit 7	500	450
	2340	1955
Paras		
Unit 2	55	24
Unit 3	250	240
Unit 4	250	0
	555	264
Khaparkheda		
Unit 1	210	0
Unit 2	210	195
Unit 3	210	175
Unit 4	210	205
	840	575
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	210
Unit 4	210	210
Unit 5	210	200
	870	820
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
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	1540
	960	1540
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	2959
	3143	2959

	17376	14239
--	--------------	--------------