



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/May/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	116.344	355.086	1) Madhya Pradesh	60.535	164.580
2) Hydro	12.606	40.338	2) Gujrat	19.043	56.560
3) Gas	15.572	45.894	3) Goa	-5.821	-17.779
Total MSGENCO	144.522	441.318	4) TAPS 1&2 (Inj.)	3.481	10.042
B) OTHERS			5) Pench (Excess)	-0.071	-0.713
1) RGPPL Gas	15.041	34.257	# Total Cent. Sector	77.167	212.690
2) Wind Generation	12.943	37.426	F) Other Exchanges		
3) PENCH (MS)	0.071	0.713	1) With TPCL	2.062	2.543
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.257	98.757	1) MSEDCL Bilateral	9.521	25.634
2) TPCL Hydro	0.670	5.793	Include PX	0.831	1.855
TOTAL TPCL	33.927	104.550	2) MUMBAI Bilateral	-0.840	0.690
3) REL Thermal	12.610	37.897	Include PX	-2.510	-7.414
D) STATE			3) MUMBAI Schedule	-0.840	0.690
1) Thermal (A1+C1+C3)	162.211	491.740	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.347	46.844	1) MSEDCL	251.806	729.660
3) Gas (A3+B1)	30.613	80.151	2) TPCL	29.333	92.821
4) Wind (B2)	12.943	37.426	3) REL	15.140	47.080
TOTAL STATE	219.114	656.161	TOTAL STATE	296.279	869.561

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4975	4910	4763
MSGENCO Hydro	408	815	373
MSGENCO Gas	632	654	658
MSGENCO Total Generation	6015	6379	5794
Central Sector Receipt	3193	3846	2829
RGPPL	625	628	630
WIND	572	401	708
Exchange with TPCL	118	-98	90
MSEDCL DEMAND MET	10523	11179	10051
Load Shedding	3346	4125	1948
MSEDCL DEMAND (INCL. LS)	13869	15304	11999
TPCL GENERATION	1422	1489	1422
REL GENERATION	527	527	527
TPCL+REL DEMAND	1831	2114	1859
STATE DEMAND MET	12354	13293	11910
STATE DEMAND (INCL. LS)	15700	17418	13858
Frequency (Hz)	49.54	49.76	49.58
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4134 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			78.47 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.5 Hz at 18.05 Hrs	49.15 Hz at 13.10 Hrs	49.67	0 % of Time

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

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 03/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	2.23	0	0	0
Unit 3	1.78	4.25	83	60	70
Unit 4	1.65	3.86	82	40	70
Unit 5	3.39	9.86	163	117	150
Unit 6	3.24	9.50	165	107	150
Unit 7	3.20	9.86	155	110	125
	13.26	39.56			565
Bhusawal					
Unit 1	0.59	1.82	29	20	25
Unit 2	4.11	12.18	177	163	175
Unit 3	4.12	12.46	180	166	175
	8.82	26.47			375
Parli					
Unit 1	0.54	1.61	24	21	20
Unit 2	0.60	1.72	26	24	20
Unit 3	0.20	0.20	66	0	0
Unit 4	3.77	11.27	168	150	150
Unit 5	3.72	11.40	164	149	150
Unit 6	5.21	16.09	247	200	220
	14.04	42.29			560
Chandrapur					
Unit 1	4.19	12.50	182	162	170
Unit 2	4.07	12.07	182	160	170
Unit 3	4.30	14.39	210	75	210
Unit 4	0.00	0.00	0	0	0
Unit 5	9.36	29.30	450	329	425
Unit 6	9.68	29.16	440	382	425
Unit 7	10.20	30.96	465	364	400
	41.80	128.38			1800
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.21	15.30	210	140	180
	4.21	15.30			180
Khaparkheda					
Unit 1	4.34	13.15	206	172	175
Unit 2	4.27	12.97	188	164	175
Unit 3	4.31	13.26	201	173	175
Unit 4	4.39	13.35	203	178	175
	17.32	52.74			700
Nasik					
Unit 1	2.24	6.68	98	83	100
Unit 2	2.11	5.60	96	72	90
Unit 3	4.18	12.76	180	170	170
Unit 4	4.20	12.76	185	168	175
Unit 5	4.16	12.55	177	167	175
	16.90	50.34			710
Uran					
All Units	15.57	45.89	667	618	620
	15.57	45.89			620
Koyna					
Stage 1-2	1.60	6.58	170	35	600
Stage 4	6.48	17.35	795	0	250
Kovna 12&4 Total	8.08	23.92			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.80	5.33	232	0	320
	9.89	29.25			1170
Hydro					
KDPH	0.00	1.65	0	0	36
VTRNA	0.91	3.43	61	0	60
TILLARI	0.28	0.98	61	0	60
BHTGR/VEER	0.72	2.80	30	30	30
BHIRA T.R.	0.12	0.47	42	0	80
RNGR+BHTSA	0.31	0.93	13	13	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.12	12	0	0
GHATGHAR	0.32	0.70	125	0	0
	2.72	11.08			281
PENCH (MS)					
Pench (MS)	0.07	0.71	24	0	
	0.07	0.71			
Wind					
MalharPeth	0.33	1.05			
Vankuswadi	0.62	2.03			
ATIT	0.15	0.46			
Kale	0.31	0.97			
Satara	0.79	2.29			
Shirala	0.29	0.93			
K Mahankal	0.04	0.13			
Supa	0.40	1.10			
Vita	1.18	3.52			
Dondaicha	5.58	15.44			
Sakri	1.02	2.66			
Nandurbar	0.67	2.01			
Khadakale	0.94	2.98			
Khaparale	0.62	1.87			
	12.94	37.43			
Dabhol					
RGPP L II	15.04	34.26	630	618	598
RGPP L III		0.00	0	0	
	15.04	34.26			598
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	36.36	505	505	500
Trombay 6	11.07	32.44	510	350	500
Trombay 7A	2.68	7.70	123	97	120
Trombay 7B	1.49	4.36	66	57	60
Trombay 8	5.90	17.91	252	186	250
TATA Hydro	0.67	5.79	139	0	297
	33.93	104.55			1727
REL					
1&2	12.61	37.90	528	521	500
	12.61	37.90			500
Cent Sect					
Share					2969
					2969

MS PG CL	Thermal	116.34	355.09		4890
	Thml+Gas	131.92	400.98		5510
	Hydro	12.61	40.34		1451
	Total	144.52	441.32		6961
State Total		219.11	656.16		12755

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/May/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS													
1	4819	693	655	6167	630	463	2799	2899	-15	41	10214	2164	12378	1974	14352	49.52
2	4763	373	658	5794	630	708	2746	2829	38	90	10051	1948	11999	1859	13858	49.58
3	4752	553	658	5963	629	467	2631	3039	154	210	10308	2434	12742	1714	14456	49.51
4	4725	673	660	6058	630	635	2627	2798	260	317	10438	2370	12808	1628	14436	49.57
5	4730	779	662	6171	630	628	2596	3088	190	248	10765	3181	13946	1604	15550	49.54
6	4768	1008	665	6441	630	652	2516	2862	270	325	10910	3274	14184	1603	15787	49.64
7	4917	186	667	5770	626	651	2655	2702	134	191	9940	3857	13797	1655	15452	49.79
8	4898	151	664	5713	628	596	2793	2658	302	359	9954	4103	14057	1588	15645	49.67
9	4981	199	660	5840	628	506	2774	3008	239	298	10280	3532	13812	1638	15450	49.77
10	5045	214	660	5919	629	596	2799	3101	172	226	10471	3347	13818	1718	15536	49.69
11	4975	408	632	6015	625	572	2835	3193	63	118	10523	3346	13869	1831	15700	49.54
12	4883	777	618	6278	623	502	2796	3080	-8	35	10518	3686	14204	1885	16089	49.40
13	4857	1039	620	6516	618	523	2804	2914	-18	24	10595	3691	14286	1904	16190	49.39
14	4843	852	620	6315	621	488	2788	2811	13	58	10293	3134	13427	1878	15305	49.33
15	4873	562	628	6063	623	507	2874	2979	-46		10172	2747	12919	1931	14850	49.56
16	4860	381	634	5875	625	547	2952	3194	-18	26	10267	2823	13090	1934	15024	49.85
17	4839	159	636	5634	624	584	3094	3396	-23	22	10260	3399	13659	1922	15581	49.83
18	4868	146	646	5660	626	612	3239	3769	-138	-84	10583	3308	13891	1883	15774	50.10
19	4892	136	651	5679	627	567	3217	3548	-98	-71	10350	3074	13424	1869	15293	50.13
20	4838	433	650	5921	625	453	3007	4039	-154	-108	10933	4134	15067	2049	17116	49.83
21	4910	815	654	6379	628	401	3029	3846	-154	-98	11179	4125	15304	2114	17418	49.76
22	4818	767	659	6244	628	409	3038	3892	-154	-99	11098	3807	14905	2107	17012	49.80
23	4757	600	658	6015	628	441	3077	4031	-150	-101	11020	3702	14722	2107	16829	49.71
24	4729	702	657	6088	630	434	2853	3492	-20	35	10679	3277	13956	2080	16036	49.68
MUs	116.34	12.61	15.57	144.52	15.04	12.94	68.54	77.17	0.84	2.06	251.80	78.46	330.26	44.48	374.74	49.67

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/May/2009

Position as on 6.30 Hrs of 04/May/2009

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
Chandrapur Unit 4	210	21/04/2009	00.05		Continued.	W/D for COH.	25/05/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 3	60	23/10/2008	06.40	04/05/2009	15.32	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 1	105	27/04/2009	22.07		Continued.	Condensor Tube Leakage	03/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Boiler Tube Leakage	
Cent_Sect Tarapur 1	80	29/04/2009	11.18	03/05/2009	19.04	Condensor Tube Leakage	
Parli Unit 3	210	30/04/2009	12.03	03/05/2009	19.57	Boiler Tube Leakage	
Paras Unit 2	55	30/04/2009	21.00	04/05/2009	10:00	Clincker Formation.	
Koradi Unit 2	105	02/05/2009	12.57	04/05/2009	08:43	A C Supply Failure.	
Koyna ST-IV 2	250	04/05/2009	08:40	04/05/2009	13:45	Governer Problem	
Koradi Unit 2	105	04/05/2009	10:14	04/05/2009	17:00	Tripped on negative phase sequence.	
Dabhol 3B	230	04/05/2009	17:24	04/05/2009	18:43	Hot well level high.	
Dabhol 3X	290	04/05/2009	17:24	04/05/2009	19:33	Hot well level high.	
Uran Unit 3	60	04/05/2009	21.15		Continued.	Gas Restriction	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2009

Position as on 6.30 Hrs of 04/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Bhilai	22/04/2009	13.26	03/05/2009	01.58	Line On TBC Repl.of MOCB.
Koradi-Bhilai	02/05/2009	21.17	03/05/2009	01.58	Protection Trial Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - I	29/04/2009	17.49		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	01/05/2009	02.07	04/05/2009	07:25	H/T FOR O/V
Dhule-S'Sarovar I	04/05/2009	00.07		Continued.	H/T FOR O/V
Voltage Level : 132KV			Outage Type TRIPPED		
Kanhan - Mouda	03/05/2009	21.40	03/05/2009	21.52	Tripped on Back Up Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
400/220KV,105MVA Spare ICT at Chandrapur	26/04/2009	10.37	04/05/2009	13:25	Commissioning of CTR fire Protection Scheme.
400/220KV,315 MVA ICT-I at Kolhapur.	04/05/2009	08:17	04/05/2009	18:12	Q.M. WORK
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Bale-Usmanabad	01/05/2009	12.06	03/05/2009	17.55	Errection of New Tower
Murud-Bale	01/05/2009	13.15	03/05/2009	17.25	Errection of New Tower
ICT-II AT TROMBAY	04/05/2009	08:50	04/05/2009	12:28	Q.M. WORK
Borivali-Kalwa	04/05/2009	09:28		Continued.	Shifting of new panel & replacement of isolator.
M.B. at Halkarni	04/05/2009	10:22	04/05/2009	16:00	Bus Jumpering work.
Aurangabad-Jalna-I	04/05/2009	11:01	04/05/2009	14:53	Q.M. WORK
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
220 KV Own Brk..of 315 MVA ICT at Akola	23/04/2009	15.50		Continued.	Breaker Problem
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Bus-Coupler at Dahanu	03/05/2009	09.36	03/05/2009	13.07	Outage
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Paras-Akot ckt.	02/05/2009	17.30	03/05/2009	21.17	R Ph C T Failed at Paras.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV,105 MVA Single Phase Spare ICT @ Chandrapur	04/05/2009	14:10	04/05/2009	16:40	Tripped ,oil temp
400/220KV ICT-II at Padgha	04/05/2009	16:55	04/05/2009	17:43	Tripped on Back Up Prot.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Theur - Jejuri	04/05/2009	11:30	04/05/2009	15:05	H/T to control Lonikand ICT Loading
KALMESHVAR-PANDURA	04/05/2009	19:18		Continued.	To Control Loading of Pandurna-Sarni Line.
Voltage Level : 400KV			Outage Type TRIPPED		
BBLSR-BHUSAWAL	03/05/2009	15.25	03/05/2009	16.25	Tripped @ Bhusawal end only.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2009

Position as on 6.30 Hrs of 04/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Karad-Kolhapur CKT II	03/05/2009	18.10	03/05/2009	18.45	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Borivali-Tarapur	03/05/2009	02.57	03/05/2009	03.52	Distance Protection
K'gaon-Dasturi	03/05/2009	05.53	03/05/2009	15.22	Distance Protection
Kharepatan-Pawas	04/05/2009	05.52	04/05/2009	12:10	Tripped on Back-up
N.Koyna-Phinolex	04/05/2009	06.20	04/05/2009	12:09	Tripped on Dist.Prot., E/W Snapped.
Pawas-Phinolex.	04/05/2009	06:20	04/05/2009	12:10	Tripped ,Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	70
Unit 4	105	70
Unit 5	200	110
Unit 6	210	120
Unit 7	210	115
	1040	485
Bhusawal		
Unit 1	58	25
Unit 2	210	175
Unit 3	210	175
	478	375
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	160
Unit 5	210	160
Unit 6	250	220
	940	720
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	80
Unit 4	210	0
Unit 5	500	450
Unit 6	500	425
Unit 7	500	450
	2340	1745
Paras		
Unit 2	55	0
Unit 3	250	120
	305	120
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	170
Unit 4	210	180
Unit 5	210	170
	870	700
Uran		
All Units	852	620
	852	620
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	30
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	245
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	740	598
RGPPPL III	740	
	1480	598
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	70
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3230
	3143	3230