



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

State Load Dispatch Center, Airoli

Daily system Report

for

16/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 16/May/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.442	1837.605	1) Madhya Pradesh	60.265	933.919
2) Hydro	10.837	256.980	2) Gujrat	16.527	311.122
3) Gas	15.920	239.024	3) Goa	-6.446	-100.798
Total MSGENCO	142.199	2333.609	4) TAPS 1&2 (Inj.)	6.821	97.647
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	14.903	227.224	# Total Cent. Sector	77.167	1239.969
2) Wind Generation	10.243	190.913	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-1.215	-25.095
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.100	532.682	1) MSEDCL Bilateral	10.005	150.970
2) TPCL Hydro	4.093	58.016	Include PX	0.260	19.662
TOTAL TPCL	37.193	590.698	2) MUMBAI Bilateral	2.289	41.712
3) REL Thermal	12.601	201.388	Include PX	-0.501	-13.206
D) STATE			3) MUMBAI Schedule	2.289	41.712
1) Thermal (A1+C1+C3)	161.143	2571.675	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.930	316.917	1) MSEDCL	243.297	3970.462
3) Gas (A3+B1)	30.823	466.248	2) TPCL	33.895	546.265
4) Wind (B2)	10.243	190.913	3) REL	17.114	270.935
TOTAL STATE	217.139	3545.753	TOTAL STATE	294.306	4787.662

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4671	5041	4656
MSGENCO Hydro	567	573	381
MSGENCO Gas	636	690	654
MSGENCO Total Generation	5874	6304	5691
Central Sector Receipt	3550	3224	3010
RGPPL	618	624	625
WIND	193	858	240
Exchange with TPCL	-198	11	23
MSEDCL DEMAND MET	10037	11021	9589
Load Shedding	2933	2794	1352
MSEDCL DEMAND (INCL. LS)	12970	13815	10941
TPCL GENERATION	1719	1776	1237
REL GENERATION	525	526	525
TPCL+REL DEMAND	2442	2291	1739
STATE DEMAND MET	12479	13312	11328
STATE DEMAND (INCL. LS)	15412	16106	12680
Frequency (Hz)	49.49	49.61	49.70
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3758 MW at 10.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			68.04 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.41 Hz at 06.34 Hrs	49.01 Hz at 13.40 Hrs	49.63	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 16/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.18	6.11	57	0	0
Unit 2	1.40	19.98	73	16	50
Unit 3	1.37	23.06	75	33	50
Unit 4	0.97	14.50	74	0	0
Unit 5	3.38	50.37	154	128	130
Unit 6	3.35	51.33	160	121	130
Unit 7	3.19	51.35	177	94	135
	13.84	216.72			495
Bhusawal					
Unit 1	1.22	16.07	57	47	50
Unit 2	3.75	55.22	174	138	160
Unit 3	4.15	65.72	182	163	175
	9.12	137.01			385
Parli					
Unit 1	0.47	8.01	21	18	20
Unit 2	0.55	9.17	25	21	20
Unit 3	3.58	36.83	155	143	150
Unit 4	3.69	60.11	160	144	150
Unit 5	3.72	49.18	158	153	150
Unit 6	5.23	80.43	230	199	220
	17.24	243.72			710
Chandrapur					
Unit 1	4.17	64.92	180	166	170
Unit 2	3.97	64.08	169	160	170
Unit 3	5.00	69.64	211	201	210
Unit 4	0.00	0.00	0	0	0
Unit 5	4.74	127.02	350	120	150
Unit 6	8.81	156.31	435	340	450
Unit 7	8.85	132.14	418	342	350
	35.53	614.10			1500
Paras					
Unit 2	1.09	14.24	48	42	50
Unit 3	5.57	77.08	247	220	230
	6.66	91.32			280
Khaparkheda					
Unit 1	4.17	65.95	179	168	170
Unit 2	4.15	68.33	179	162	170
Unit 3	4.26	69.89	181	174	170
Unit 4	4.13	69.49	178	165	170
	16.71	273.66			680
Nasik					
Unit 1	1.84	34.72	97	0	90
Unit 2	2.02	22.18	88	79	90
Unit 3	3.94	68.17	177	140	170
Unit 4	4.38	69.55	188	177	180
Unit 5	4.16	66.46	184	167	170
	16.34	261.08			700
Uran					
All Units	15.92	239.02	696	628	620
	15.92	239.02			620
Koyna					
Stage 1-2	2.28	43.86	195	40	600
Stage 4	2.43	112.90	490	0	250
Koyna 12&4 Total	4.70	156.75			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.73	33.96	200	0	320
	6.44	190.71			1170
Hydro					
KDPH	0.84	9.45	35	34	36
VTRNA	1.16	18.48	61	0	61
TILLARI	0.00	3.53	0	0	60
BHTGR/VEER	0.67	13.33	28	27	30
BHIRA T.R.	0.36	2.88	85	0	80
RNGR+BHTSA	0.30	5.06	13	12	15
BHANDARDRA	0.71	8.33	30	29	40
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.66	10	0	10
GHATGHAR	0.31	4.56	120	0	0
	4.40	66.27			332
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.41	5.99			
Vankuswadi	0.88	12.48			
ATIT	0.13	2.44			
Kale	0.08	3.29			
Satara	0.71	9.00			
Shirala	0.32	4.83			
K Mahankal	0.07	2.64			
Supa	0.16	3.80			
Vita	1.39	22.46			
Dondaicha	3.93	81.01			
Sakri	0.62	13.28			
Nandurbar	0.62	11.59			
Khadakale	0.48	10.86			
Khaparale	0.43	7.27			
	10.24	190.91			
Dabhol					
RGPP L II	14.90	227.22	625	615	590
RGPP L III	0.00	0.00	0	0	
	14.90	227.22			590
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	193.78	505	505	500
Trombay 6	10.42	173.35	510	190	500
Trombay 7A	2.91	44.59	125	119	120
Trombay 7B	1.62	25.12	68	67	60
Trombay 8	6.03	95.85	253	250	250
TATA Hydro	4.09	58.02	366	0	447
	37.19	590.70			1877
REL					
1&2	12.60	201.39	527	522	500
	12.60	201.39			500
Cent Sect					
Share					2784
					2784

MS PG CL	Thermal	115.44	1837.60		4750
	Thml+Gas	131.36	2076.63		5370
	Hydro	10.84	256.98		1502
	Total	142.20	2333.61		6872
State Total		217.14	3545.75		12623

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/May/2009

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	4701	447	650	5798	624	192	2800	3009	-28	17	9640	1397	11037	2028	13065	49.57
2	4667	593	650	5910	624	164	2800	2873	-28	22	9593	1403	10996	1860	12856	49.50
3	4656	381	654	5691	625	240	2802	3010	-28	23	9589	1352	10941	1739	12680	49.70
4	4626	395	654	5675	624	225	2802	3132	-28	18	9674	1370	11044	1673	12717	49.60
5	4631	309	660	5600	625	221	2810	3239	-28	21	9706	1783	11489	1641	13130	49.84
6	4725	263	662	5650	623	169	2809	3415	-28	18	9875	2031	11906	1658	13564	49.88
7	4829	206	666	5701	622	166	2796	2986	-28	17	9492	2595	12087	1657	13744	50.17
8	4784	216	660	5660	622	119	2853	3223	78	130	9754	2386	12140	1687	13827	49.74
9	4705	257	650	5612	621	137	2834	3236	69	118	9724	2900	12624	1900	14524	49.63
10	4653	483	641	5777	620	211	3043	3344	-134	-87	9865	3094	12959	2164	15123	49.48
11	4671	567	636	5874	618	193	3199	3550	-240	-198	10037	2933	12970	2442	15412	49.49
12	4728	876	628	6232	617	244	3180	3588	-240	-194	10487	2848	13335	2515	15850	49.43
13	4820	865	641	6326	615	386	3185	3409	-240	-198	10538	2869	13407	2538	15945	49.37
14	4856	572	666	6094	616	562	3182	3312	-238	-192	10392	2966	13358	2474	15832	49.42
15	4834	555	668	6057	616	490	3175	3269	-238	-196	10236	2969	13205	2486	15691	49.41
16	4836	493	668	5997	615	621	3169	3255	-238	-204	10284	3082	13366	2481	15847	49.33
17	4844	216	678	5738	616	850	3258	3165	-238	-193	10176	3191	13367	2440	15807	49.57
18	4927	216	696	5839	622	969	3104	2961	-115	-72	10319	2893	13212	2330	15542	50.09
19	4983	222	695	5900	623	989	3026	2909	-58	-14	10407	2413	12820	2219	15039	49.97
20	4969	533	689	6191	622	815	2923	3183	-59	-11	10800	2851	13651	2316	15967	49.64
21	5041	573	690	6304	624	858	2907	3224	-33	11	11021	2794	13815	2291	16106	49.61
22	5002	683	680	6365	623	631	2870	3193	5	45	10857	2533	13390	2204	15594	49.54
23	4993	534	667	6194	622	482	2988	3338	-149	-111	10525	2126	12651	2157	14808	49.47
24	4969	380	672	6021	624	312	2818	3358	-29	15	10330	1888	12218	2109	14327	49.58
MUs	115.45	10.84	15.92	142.21	14.90	10.25	71.33	77.18	-2.29	-1.22	243.32	58.67	301.99	51.01	353.00	49.63

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 16/May/2009

Position as on 6.30 Hrs of 17/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
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Annual Overhaul	23/05/2009
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	
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	
Cent_Sect Sipat-4	500	10/05/2009	00:49		Continued.	Coal Shortage	19/05/2009
Koradi Unit 4	115	14/05/2009	01.33	16/05/2009	07.08	W/Dn No Coal.	
Koradi Unit 1	105	16/05/2009	03.45		Continued.	Low Vaccum	21/05/2009
Nasik Unit 1	125	16/05/2009	07.50	16/05/2009	11.30	Supply Failure.	
Uran Unit 3	60	16/05/2009	21.50	17/05/2009	12.00	Gas Restriction	
Nasik Unit 1	125	17/05/2009	18.55	17/05/2009	20.00	Boiler Prot.	
Uran Unit 3	60	17/05/2009	22.00		Continued.	Gas Restriction	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/May/2009

Position as on 6.30 Hrs of 17/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
TILLARY-PHONDA	16/05/2009	12.45	16/05/2009	15.00	'D'Capping.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	13/05/2009	23:25	16/05/2009	13.48	Hand Tripped to Control O/V.
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
DHULE-SAR'SAROVAR-I	17/05/2009	01.10		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
Seoni-Wardha-1	16/05/2009	16.35		Continued.	Tripped on over voltage
Wardha - Akola - II	16/05/2009	17.48		Continued.	Tripped on over voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Ponda	12/05/2009	04:45	16/05/2009	12.25	Tripped ,Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
315 MVA 400/220 KV ICT-II @KHARGHAR	16/05/2009	06.06	16/05/2009	14.55	Maint.work
Lonikand- Koyna Stage IV	16/05/2009	08.22	16/05/2009	17.49	Line Maintenance work.
BBLSR-BHUSAWAL	16/05/2009	09.11	16/05/2009	17.12	Q.M. WORK
400 KV Lamboti M.B. II	16/05/2009	14.12	16/05/2009	17.09	Isolator work.
400/220 KV,600 MVA ICT-II at Kalwa	16/05/2009	15.30		Continued.	Fire Protection work.
Jejuri-Koyna STG-IV	17/05/2009	07.37	17/05/2009	19.16	Insulator Replacement
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Borivali-Boisar	13/05/2009	11.01	16/05/2009	19.50	Isolator Replacement
URAN_HOCL	13/05/2009	12.50		Continued.	Removal Of P.T.
Khaperkheda - Wardha.	16/05/2009	13.48	16/05/2009	16.47	Testing Work
Pedambe - Karad	17/05/2009	08.10	17/05/2009	16.37	Bay Maintenance work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Kanhan - Mouda	14/05/2009	13.10		Continued.	RETROFITTING
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kalwa-C'chem	17/05/2009	14.33	17/05/2009	16.12	Hot Spot
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	15/05/2009	08.12		Continued.	In View of 400 KV Akola ICT Loading.
Wardha--Dhamangaon	15/05/2009	08.16		Continued.	In View of 400 KV Akola ICT Loading.
Bablsr-Ranjangaon	17/05/2009	18.55	17/05/2009	22.10	H/T Sparking at Isolator
Bableshtar-Bhenda	17/05/2009	19.19	17/05/2009	19.44	H/T Sparking at Isolator
Voltage Level : 400KV			Outage Type TRIPPED		
C'pur-Parli II	17/05/2009	18.22	17/05/2009	20.21	tripped on dist.prot.Line taken on TBC at C'pur end
Voltage Level : 220KV			Outage Type TRIPPED		
Nanded - Parali	16/05/2009	22.05	16/05/2009	23.09	L A Burst.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/May/2009

Position as on 6.30 Hrs of 17/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/132 KV 150 MVA T/F @ Nanded	16/05/2009	22.05	17/05/2009	10.22	L A Burst.
Pusad-Nanded	16/05/2009	22.06	16/05/2009	23.05	L A Burst.
Kalmeshwar-Kaparkheda	16/05/2009	22.28	16/05/2009	22.48	Tripped on Dist.Prot.
Borivali-Tarapur	17/05/2009	05.10	17/05/2009	06.20	Tripped on Dist.Prot.
Khaparkheda - Kanhan - II	17/05/2009	15.40	17/05/2009	16.52	Tripped on Distance protection
Khaperkheda - Ambazari - II	17/05/2009	15.41	17/05/2009	16.09	Tripped on Distance protection
BBLSWR-AIEPHATA	17/05/2009	18.55	17/05/2009	21.11	Tripped.
Parbhani-Girawali	17/05/2009	22.05	17/05/2009	23.38	Tripped on Distance protection
Voltage Level : 132KV			Outage Type TRIPPED		
Bale-Akkalkot	17/05/2009	16.40	17/05/2009	17.09	Tripped on Distance protection
Paras-Malegaon	17/05/2009	17.08	17/05/2009	17.42	Tripped.
Mehkar - Malegaon	17/05/2009	17.08	17/05/2009	17.35	Tripped.
Buldhana-Chikhali	17/05/2009	19.10	17/05/2009	19.20	Tripped on backup protection
Dhule-Nardhane	17/05/2009	23.00		Continued.	Tripped on Distance protection
null					
Voltage Level : 132KV			Outage Type TRIPPED		
Malkapur-Motala	17/05/2009	19.10	17/05/2009	19.22	Tripped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 17/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	40
Unit 3	105	40
Unit 4	105	40
Unit 5	200	130
Unit 6	210	150
Unit 7	210	130
	1040	530
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	175
	478	385
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	150
Unit 6	250	220
	940	710
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	190
Unit 4	210	0
Unit 5	500	350
Unit 6	500	450
Unit 7	500	400
	2340	1730
Paras		
Unit 2	55	45
Unit 3	250	235
	305	280
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
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	650
	852	650
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	36
VTRNA	60	61
TILLARI	60	0
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	262
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	740	587
RGPL III	740	
	1480	587
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	72
	2024	1502
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3008
	3143	3008