



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/May/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.038	1955.643	1) Madhya Pradesh	57.259	991.178
2) Hydro	6.793	263.773	2) Gujrat	16.403	327.525
3) Gas	16.075	255.099	3) Goa	-5.269	-106.067
Total MSGENCO	140.906	2474.515	4) TAPS 1&2 (Inj.)	6.875	104.522
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	14.999	242.223	# Total Cent. Sector	75.268	1315.237
2) Wind Generation	9.705	200.618	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	1.864	-23.231
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	32.617	565.299	1) MSEDCL Bilateral	11.264	162.233
2) TPCL Hydro	0.481	58.497	Include PX	0.080	19.741
TOTAL TPCL	33.098	623.796	2) MUMBAI Bilateral	-1.007	40.706
3) REL Thermal	12.617	214.005	Include PX	0.000	-13.206
D) STATE			3) MUMBAI Schedule	-1.007	40.706
1) Thermal (A1+C1+C3)	163.272	2734.947	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.274	324.191	1) MSEDCL	242.742	4213.204
3) Gas (A3+B1)	31.074	497.322	2) TPCL	28.742	575.007
4) Wind (B2)	9.705	200.618	3) REL	15.109	286.044
TOTAL STATE	211.325	3757.078	TOTAL STATE	286.593	5074.255

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5166	4913	4769
MSGENCO Hydro	236	267	148
MSGENCO Gas	662	694	661
MSGENCO Total Generation	6064	5874	5578
Central Sector Receipt	3345	3020	3232
RGPPL	625	626	627
WIND	127	765	309
Exchange with TPCL	170	-113	30
MSEDCL DEMAND MET	10331	10172	9776
Load Shedding	2792	1892	1443
MSEDCL DEMAND (INCL. LS)	13123	12064	11219
TPCL GENERATION	1349	1410	1232
REL GENERATION	527	528	525
TPCL+REL DEMAND	1706	2051	1727
STATE DEMAND MET	12037	12223	11503
STATE DEMAND (INCL. LS)	14829	14115	12946
Frequency (Hz)	49.95	49.82	49.77
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3510 MW AT 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			56.60 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.65 Hz at 17.00 Hrs	49.05 Hz at 14.22 Hrs	49.81	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 17/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	6.11	0	0	0
Unit 2	0.87	20.86	52	10	40
Unit 3	0.80	23.87	45	20	40
Unit 4	0.92	15.42	68	10	40
Unit 5	3.42	53.79	154	128	130
Unit 6	3.62	54.95	169	132	150
Unit 7	3.42	54.77	165	126	130
	13.05	229.76			530
Bhusawal					
Unit 1	1.24	17.30	56	41	50
Unit 2	3.72	58.94	169	134	160
Unit 3	4.09	69.81	178	164	175
	9.04	146.05			385
Parli					
Unit 1	0.46	8.47	20	18	20
Unit 2	0.53	9.70	24	20	20
Unit 3	3.55	40.38	152	143	150
Unit 4	3.69	63.79	167	144	150
Unit 5	3.77	52.95	166	144	150
Unit 6	5.14	85.57	229	202	220
	17.15	260.87			710
Chandrapur					
Unit 1	4.10	69.02	176	164	170
Unit 2	3.97	68.05	169	160	170
Unit 3	4.38	74.02	209	172	190
Unit 4	0.00	0.00	0	0	0
Unit 5	7.68	134.70	377	258	350
Unit 6	9.45	165.76	450	355	450
Unit 7	9.42	141.56	434	350	400
	39.00	653.11			1730
Paras					
Unit 2	1.06	15.30	50	36	45
Unit 3	5.67	82.75	249	223	235
	6.72	98.05			280
Khaparkheda					
Unit 1	4.20	70.14	183	166	170
Unit 2	4.11	72.44	179	164	170
Unit 3	4.27	74.16	181	175	170
Unit 4	4.11	73.60	180	167	170
	16.69	290.35			680
Nasik					
Unit 1	2.08	36.79	95	10	90
Unit 2	1.87	24.06	94	60	90
Unit 3	4.13	72.31	177	160	170
Unit 4	4.19	73.73	180	168	180
Unit 5	4.10	70.57	180	161	170
	16.37	277.46			700
Uran					
All Units	16.08	255.10	698	648	650
	16.08	255.10			650
Koyna					
Stage 1-2	1.38	45.24	160	35	600
Stage 4	1.09	113.99	283	0	250
Koyna 12&4 Total	2.48	159.23			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.18	34.13	80	0	320
	2.66	193.36			1170
Hydro					
KDPH	0.84	10.29	35	30	36
VTRNA	1.12	19.60	61	0	61
TILLARI	0.00	3.53	0	0	0
BHTGR/VEER	0.69	14.02	30	30	40
BHIRA T.R.	0.15	3.04	78	0	80
RNGR+BHTSA	0.34	5.39	15	13	15
BHANDARDRA	0.72	9.05	30	30	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.05	0.70	12	0	0
GHATGHAR	0.23	4.78	125	0	0
	4.14	70.41			262
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.31	6.30			
Vankuswadi	0.77	13.26			
ATIT	0.16	2.60			
Kale	0.06	3.35			
Satara	0.60	9.59			
Shirala	0.22	5.05			
K Mahankal	0.03	2.66			
Supa	0.11	3.90			
Vita	1.06	23.52			
Dondaicha	4.12	85.13			
Sakri	0.75	14.03			
Nandurbar	0.77	12.36			
Khadakale	0.41	11.28			
Khaparale	0.33	7.60			
	9.70	200.62			
Dabhol					
RGPP L II	15.00	242.22	628	621	587
RGPP L III		0.00	0	0	
	15.00	242.22			587
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.08	205.86	505	485	500
Trombay 6	10.02	183.36	510	190	500
Trombay 7A	2.90	47.50	123	116	120
Trombay 7B	1.61	26.73	69	64	60
Trombay 8	6.00	101.85	252	241	250
TATA Hydro	0.48	58.50	83	0	72
	33.10	623.80			1502
REL					
1&2	12.62	214.00	528	524	500
	12.62	214.00			500
Cent Sect					
Share					3008
					3008

MS PG CL	Thermal	118.04	1955.64		5015
	Thml+Gas	134.11	2210.74		5665
	Hydro	6.79	263.77		1432
	Total	140.91	2474.52		7097
State Total		211.32	3757.08		12694

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	4812	384	653	5849	627	428	2745	3148	-26	28	10080	1455	11535	1995	13530	49.63
2	4741	162	661	5564	626	320	2744	3143	-26	27	9680	1443	11123	1844	12967	49.88
3	4769	148	661	5578	627	309	2746	3232	-26	30	9776	1443	11219	1727	12946	49.77
4	4831	148	660	5639	626	252	2755	3374	-26	28	9919	1509	11428	1667	13095	49.69
5	4873	380	658	5911	628	245	2799	3405	-26	29	10218	1899	12117	1631	13748	49.58
6	4980	348	662	5990	626	202	2817	3578	-26	28	10424	1977	12401	1634	14035	49.78
7	5078	209	666	5953	625	196	2811	3458	-24	31	10263	2320	12583	1633	14216	49.88
8	5085	219	665	5969	625	240	2861	3230	232	275	10339	2373	12712	1545	14257	50.01
9	5150	209	663	6022	625	237	2860	3285	232	288	10457	2519	12976	1617	14593	49.87
10	5166	236	662	6064	625	127	2971	3345	115	170	10331	2792	13123	1706	14829	49.95
11	4980	299	652	5931	624	171	2967	3263	115	170	10159	2710	12869	1791	14660	49.76
12	4928	635	650	6213	623	210	2905	3335	124	178	10559	2636	13195	1801	14996	49.61
13	4922	600	676	6198	622	211	2890	3350	124	150	10531	2618	13149	1847	14996	49.73
14	4935	510	670	6115	622	309	2879	3200	124	149	10395	2655	13050	1856	14906	49.58
15	4909	344	674	5927	621	355	2876	3111	124	150	10164	2643	12807	1863	14670	49.57
16	4890	216	685	5791	623	591	2883	2937	124	149	10091	2605	12696	1859	14555	49.90
17	4875	211	694	5780	626	844	2905	2716	124	148	10114	1690	11804	1864	13668	50.17
18	4831	221	698	5750	625	897	2855	2825	118	140	10237	514	10751	1816	12567	50.26
19	4798	222	697	5717	625	875	2779	2711	132	152	10080	527	10607	1753	12360	50.09
20	4746	226	696	5668	625	783	2727	3153	-132	-108	10121	1891	12012	2043	14055	49.96
21	4913	267	694	5874	626	765	2899	3020	-132	-113	10172	1892	12064	2051	14115	49.82
22	4925	221	682	5828	625	521	2899	2991	-130	-117	9848	1860	11708	2112	13820	49.64
23	4962	206	648	5816	627	401	2923	2828	-116	-108	9564	1490	11054	2123	13177	49.67
24	4939	167	648	5754	625	217	2813	2630	3	-10	9216	1465	10681	2073	12754	49.56
MUs	118.04	6.79	16.08	140.90	15.00	9.71	68.31	75.27	1.01	1.86	242.74	46.93	289.66	43.85	333.52	49.81

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/May/2009

Position as on 6.30 Hrs of 18/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 1	105	16/05/2009	03.45		Continued.	Low Vacuum	21/05/2009
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	
Koradi Unit 5	200	18/05/2009	05.50		Continued.	Coal Mill Problem	
Koradi Unit 2	105	18/05/2009	05.59		Continued.	Fire In Wind Box	20/05/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2009

Position as on 6.30 Hrs of 18/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
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
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
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
URAN_HOCL	13/05/2009	12.50		Continued.	Removal Of P.T.
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 : 400KV			Outage Type HAND TRIPPED		
Bablswr-Aurangabad	17/05/2009	18.54	18/05/2009	01.36	H/T due to sparking on CVT jumper
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.
Bablswr-Ranjangaon	17/05/2009	18.55	17/05/2009	22.10	H/T Sparking at Isolator
Bableshwar-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
400/220 KV 315 MVA ICT-II DHULE	17/05/2009	23.32	18/05/2009	01.03	Tripped On NDR
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 150 MVA T/F @ Nanded	16/05/2009	22.05	17/05/2009	10.22	L A Burst.
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

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2009

Position as on 6.30 Hrs of 18/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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 18/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	40
Unit 4	105	40
Unit 5	200	140
Unit 6	210	140
Unit 7	210	120
	1040	480
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	175
	478	395
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	180
Unit 4	210	0
Unit 5	500	400
Unit 6	500	425
Unit 7	500	450
	2340	1795
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	640
	852	640
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	50
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	272
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	587
RGPPPL III	740	
	1480	587
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	72
	2024	1502
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2918
	3143	2918

	17396	7 of 7	12629
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