



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/May/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.682	2068.325	1) Madhya Pradesh	56.530	1047.708
2) Hydro	11.070	274.843	2) Gujrat	17.550	345.075
3) Gas	15.945	271.044	3) Goa	-5.764	-111.831
Total MSGENCO	139.697	2614.212	4) TAPS 1&2 (Inj.)	6.854	111.376
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	14.970	257.193	# Total Cent. Sector	75.170	1390.407
2) Wind Generation	9.275	209.893	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-1.881	-25.112
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	32.880	598.179	1) MSEDCL Bilateral	11.096	173.330
2) TPCL Hydro	5.958	64.455	Include PX	2.893	22.634
TOTAL TPCL	38.838	662.634	2) MUMBAI Bilateral	2.842	43.548
3) REL Thermal	12.582	226.587	Include PX	-0.312	-13.518
D) STATE			3) MUMBAI Schedule	2.842	43.548
1) Thermal (A1+C1+C3)	158.144	2893.091	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	17.028	341.219	1) MSEDCL	237.231	4450.435
3) Gas (A3+B1)	30.915	528.237	2) TPCL	32.091	607.098
4) Wind (B2)	9.275	209.893	3) REL	17.450	303.494
TOTAL STATE	215.362	3972.440	TOTAL STATE	286.772	5361.027

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4823	4545	4868
MSGENCO Hydro	263	1486	163
MSGENCO Gas	684	651	652
MSGENCO Total Generation	5770	6682	5683
Central Sector Receipt	3412	3280	2212
RGPPL	624	624	626
WIND	363	725	117
Exchange with TPCL	-218	-16	19
MSEDCL DEMAND MET	9951	11295	8657
Load Shedding	1297	2824	0
MSEDCL DEMAND (INCL. LS)	11248	14119	8657
TPCL GENERATION	1883	1837	1117
REL GENERATION	526	526	524
TPCL+REL DEMAND	2627	2379	1622
STATE DEMAND MET	12578	13674	10279
STATE DEMAND (INCL. LS)	13875	16498	10279
Frequency (Hz)	49.60	49.56	49.99
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4012 MW at 21:00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			45.90 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.28 Hz at 19:02 Hrs	48.79 Hz at 11:13 Hrs	49.69	.91 % 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 18/May/2009

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Stage 3	1.33	35.46	240	0	320
Unit 1	0.00	6.11	0	0	0		7.27	200.63			1170
Unit 2	0.27	21.13	49	0	0	Hydro					
Unit 3	1.23	25.10	78	37	40	KDPH	0.59	10.88	33	0	36
Unit 4	1.12	16.54	77	18	40	VTRNA	0.66	20.26	61	0	61
Unit 5	1.80	55.58	143	0	140	TILLARI	0.00	3.53	0	0	0
Unit 6	2.95	57.90	150	83	140	BHTGR/VEER	0.96	14.98	40	40	50
Unit 7	2.84	57.60	154	94	120	BHIRA T.R.	0.10	3.14	44	0	80
	10.20	239.96			480	RNGR+BHTSA	0.36	5.75	15	15	15
Bhusawal						BHANDARDRA	0.72	9.77	30	30	30
Unit 1	0.98	18.28	54	22	50	ELDARY	0.00	0.00	0	0	0
Unit 2	3.95	62.89	178	146	170	PAITHAN	0.06	0.76	10	0	0
Unit 3	4.18	74.00	182	168	175	GHATGHAR	0.35	5.13	125	0	0
	9.11	155.16			395		3.80	74.21			272
Parli						PENCH (MS)					
Unit 1	0.46	8.93	20	18	20	Pench (MS)	0.00	1.92	0	0	0
Unit 2	0.53	10.23	24	20	20		0.00	1.92			0
Unit 3	3.60	43.98	158	140	150	Wind					
Unit 4	3.83	67.62	172	151	150	MalharPeth	0.25	6.55			
Unit 5	3.84	56.79	184	136	150	Vankuswadi	0.52	13.77			
Unit 6	5.02	90.59	227	162	220	ATIT	0.11	2.71			
	17.28	278.14			710	Kale	0.07	3.41			
Chandrapur						Satara	0.50	10.09			
Unit 1	4.14	73.15	180	168	170	Shirala	0.21	5.26			
Unit 2	3.99	72.04	168	164	170	K Mahankal	0.03	2.69			
Unit 3	4.70	78.72	208	174	180	Supa	0.10	4.01			
Unit 4	0.00	0.00	0	0	0	Vita	0.92	24.44			
Unit 5	6.54	141.24	422	155	400	Dondaicha	4.44	89.57			
Unit 6	8.21	173.97	405	260	425	Sakri	0.71	14.74			
Unit 7	8.73	150.29	391	287	450	Nandurbar	0.69	13.04			
	36.31	689.42			1795	Khadakale	0.36	11.64			
Paras						Khaparale	0.38	7.98			
Unit 2	1.16	16.46	51	45	45		9.28	209.89			
Unit 3	5.76	88.51	248	224	235	Dabhol					
	6.92	104.97			280	RGPP L II	14.97	257.19	628	617	587
Khaparkheda						RGPP L III		0.00	0	0	0
Unit 1	4.24	74.38	192	166	170		14.97	257.19			587
Unit 2	4.23	76.67	199	166	170	Tata					
Unit 3	4.28	78.43	193	172	170	Trombay 4		0.00	0	0	0
Unit 4	4.24	77.84	190	167	170	Trombay 5	12.10	217.96	505	490	500
	16.98	307.33			680	Trombay 6	10.27	193.64	510	150	500
Nasik						Trombay 7A	2.88	50.38	124	113	110
Unit 1	1.41	38.20	93	0	90	Trombay 7B	1.62	28.35	69	65	70
Unit 2	1.90	25.95	93	70	90	Trombay 8	6.01	107.86	253	235	250
Unit 3	4.38	76.69	202	160	170	TATA Hydro	5.96	64.46	463	0	72
Unit 4	4.14	77.88	182	161	180		38.84	662.63			1502
Unit 5	4.06	74.62	178	160	170	REL					
	15.89	293.35			700	1&2	12.58	226.59	527	521	500
Uran							12.58	226.59			500
All Units	15.94	271.04	695	648	640	Cent Sect					
	15.94	271.04			640	Share					2918
Koyna											2918
Stage 1-2	2.40	47.64	240	40	600	MS PG CL					
Stage 4	3.54	117.54	824	0	250	Thermal	112.68	2068.32			5040
Koyna 12&4 Total	5.94	165.17			850	Thml+Gas	128.63	2339.37			5680
						Hydro	11.07	274.84			1442
						Total	139.70	2614.21			7122
						State Total	215.36	3972.44			12629

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 18/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	4897	163	652	5712	628	313	2801	2279	3	19	8951	0	8951	1956	10907	49.81
2	4851	158	653	5662	628	221	2801	2246	3	21	8778	0	8778	1813	10591	49.94
3	4857	158	654	5669	626	208	2802	2190	3	22	8715	0	8715	1701	10416	50.00
4	4868	163	652	5683	626	117	2804	2212	3	19	8657	0	8657	1622	10279	49.99
5	4902	178	652	5732	626	117	2765	2363	3	23	8861	0	8861	1593	10454	49.91
6	4959	219	658	5836	626	128	2734	2691	3	20	9301	0	9301	1655	10956	49.90
7	4841	229	659	5729	625	145	2728	2848	5	18	9365	119	9484	1650	11134	50.10
8	4845	224	659	5728	625	215	2828	2818	211	242	9628	119	9747	1740	11487	50.02
9	4878	224	660	5762	625	391	2885	2890	151	196	9864	536	10400	1953	12353	49.81
10	4818	239	682	5739	625	380	3194	3367	-156	-111	10000	1071	11071	2323	13394	49.75
11	4823	263	684	5770	624	363	3293	3412	-258	-218	9951	1297	11248	2627	13875	49.60
12	4861	254	674	5789	620	421	3392	3652	-358	-308	10174	1633	11807	2684	14491	49.38
13	4782	409	675	5866	617	351	3398	3555	-358	-304	10085	2676	12761	2721	15482	49.31
14	4624	349	673	5646	619	346	3397	3608	-358	-306	9913	3054	12967	2631	15598	49.29
15	4548	461	672	5681	617	328	3397	3515	-358	-305	9836	2995	12831	2703	15534	49.19
16	4474	370	676	5520	618	427	3424	3663	-358	-305	9923	3067	12990	2727	15717	49.40
17	4293	348	682	5323	619	568	3466	3753	-360	-305	9958	3150	13108	2689	15797	49.45
18	4439	173	695	5307	624	683	3328	3760	-237	-180	10194	2910	13104	2563	15667	49.92
19	4497	162	669	5328	623	734	3211	3669	-124	-63	10291	2793	13084	2434	15518	49.79
20	4578	927	659	6164	624	653	3020	3557	-105	-48	10950	3021	13971	2427	16398	49.74
21	4545	1486	651	6682	624	725	2986	3280	-66	-16	11295	2824	14119	2379	16498	49.56
22	4508	1289	648	6445	626	557	2953	3414	-35	19	11061	2534	13595	2268	15863	49.70
23	4493	1335	658	6486	627	459	2979	3399	-89	-34	10937	2221	13158	2230	15388	49.51
24	4501	1289	648	6438	628	416	2844	3029	-8	23	10534	1981	12515	2212	14727	49.59
MUs	112.68	11.07	15.94	139.70	14.97	9.27	73.43	75.17	-2.84	-1.88	237.22	38.00	275.22	53.30	328.52	49.69

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/May/2009

Position as on 6.30 Hrs of 19/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 Vaccum	21/05/2009
Uran Unit 3	60	17/05/2009	22.00	18/05/2009	09:10	Gas Restriction	
Koradi Unit 5	200	18/05/2009	05.50	18/05/2009	10:20	Coal Mill Problem	
Koradi Unit 2	105	18/05/2009	05.59		Continued.	Fire In Wind Box	20/05/2009
Koradi Unit 5	200	18/05/2009	15:39	18/05/2009	17:46	Furnace Pressure High	
Nasik Unit 1	125	18/05/2009	16:00		Continued.	Boiler Tube Leakage	21/05/2009
Uran Unit 3	60	18/05/2009	18:35		Continued.	Gas Restriction	
Chandrapur Unit 5	500	19/05/2009	03:36	19/05/2009	06:32	Drum Level high	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2009

Position as on 6.30 Hrs of 19/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	18/05/2009	12:56	Fire Protection work.
Karad-Newkoyna 1	18/05/2009	08:29	18/05/2009	19:00	Insulator Replacement & Spacers.
BBLSR-BHUSAWAL	18/05/2009	13:50		Continued.	Ckt. on TBC,M.Bre. O/H Work @ BSL.
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	18/05/2009	18:00	Removal Of P.T.
Kolhapur-Karad-III	18/05/2009	08:04	18/05/2009	18:26	LILO Work New Wathar S/Stn.
Ichalkaranji-Miraj	18/05/2009	11:20	18/05/2009	15:15	To Attend R ph. CT Oil Lkg.
Bablsr-Ranjangaon	18/05/2009	13:34	18/05/2009	16:14	To Replace Line Isolator.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kanhan - Mouda	14/05/2009	13.10		Continued.	RETROFITTING
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bablsr-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	18/05/2009	13:17	In View of 400 KV Akola ICT Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT-II DHULE	17/05/2009	23.32	18/05/2009	01.03	Tripped On NDR
Padgha - Nagothane - I	18/05/2009	13:48	18/05/2009	17:56	Distance Prot. M-I,M-II B-E,B ph. Insul. Decaping.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132KV200 MVA ICT-III @Phursungi	18/05/2009	09:57	18/05/2009	10:50	Tripped on O/C & E/F Bird Fault at Bus Sec.Isol.
220/132KV200MVA ICT IV @Phursungi	18/05/2009	09:57	18/05/2009	10:50	Tripped on O/C & E/F Bird Fault at Bus Sec.Isol.
Voltage Level : 132KV			Outage Type TRIPPED		
Dhule-Nardhane	17/05/2009	23.00	18/05/2009	17:40	Tripped on Distance protection
Bhugaon - Deoli CKT.	18/05/2009	03:00	18/05/2009	03:30	Y Ph LA Burst.
132 KV Main Bus @ 220 KV C'gaon S/Stn.	18/05/2009	18:20	18/05/2009	19:03	Bus Fault
220/132KV 100MVA ICT-I at 220 KV C'gaon S/Stn.	18/05/2009	18:20	18/05/2009	19:05	Bus Fault
220/132KV 100MVA ICT-II at 220 KV C'gaon S/Stn.	18/05/2009	18:20	18/05/2009	19:07	Bus Fault

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 19/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			KDPH	40	36
Unit 1	105	0	VTRNA	60	61
Unit 2	105	0	TILLARI	60	0
Unit 3	105	75	BHTGR/VEER	21	50
Unit 4	105	75	BHIRA T.R.	80	80
Unit 5	200	110	RNGR+BHTSA	20	15
Unit 6	210	140	BHANDARDRA	45	30
Unit 7	210	140	ELDARY	23	0
	1040	540	PAITHAN	12	0
Bhusawal			GHATGHAR	250	0
Unit 1	58	25		611	272
Unit 2	210	160	PENCH (MS)		
Unit 3	210	175	Pench (MS)	53	
	478	360		53	
Parli			Wind		
Unit 1	30	20	MalharPeth	0	
Unit 2	30	20	Vankuswadi	0	
Unit 3	210	150	ATIT	0	
Unit 4	210	165	Kale	0	
Unit 5	210	165	Satara	0	
Unit 6	250	220	Shirala	0	
	940	740	K Mahankal	0	
Chandrapur			Supa	0	
Unit 1	210	170	Vita	0	
Unit 2	210	170	Dondaicha	0	
Unit 3	210	210	Sakri	0	
Unit 4	210	0	Nandurbar	0	
Unit 5	500	0	Khadakale	0	
Unit 6	500	250	Khaparale	0	
Unit 7	500	350		0	
	2340	1150	Dabhol		
Paras			RGPPL II	740	588
Unit 2	55	40	RGPPL III	740	
Unit 3	250	240		1480	588
	305	280	Tata		
Khaparkheda			Trombay 4	150	0
Unit 1	210	170	Trombay 5	500	500
Unit 2	210	170	Trombay 6	500	500
Unit 3	210	170	Trombay 7A	120	110
Unit 4	210	170	Trombay 7B	60	70
	840	680	Trombay 8	250	250
Nasik			TATA Hydro	444	447
Unit 1	120	0		2024	1877
Unit 2	120	90	REL		
Unit 3	210	170	1&2	500	500
Unit 4	210	180		500	500
Unit 5	210	170	Cent Sect		
	870	610	Share	3143	2991
Uran				3143	2991
All Units	852	640			
	852	640			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	320			
	1920	1170			
Hydro					
				17396	12398