



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

State Load Dispatch Center, Airoli

Daily system Report

for

30/Jul/2009

State Load Dispatch Center,Airoli (MSETCL)
Daily system Report for 30/Jul/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	95.304	2807.169	1) Madhya Pradesh	45.571	1337.488
2) Hydro	11.107	206.689	2) Gujrat	21.634	582.440
3) Gas	15.202	387.750	3) Goa	-5.429	-164.459
Total MSGENCO	121.613	3401.608	4)TAPS 1&2 (Inj.)	7.158	130.859
B) OTHERS			5)Pench (Excess)	-0.723	-8.820
1) RGPPL Gas	22.460	666.724	# Total Cent. Sector	68.211	1877.508
2) Wind Generation	16.137	506.114	F) Other Exchanges		
3) PENCH (MS)	0.723	10.478	1) With TPCL	-7.496	-142.720
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	24.707	804.211	1) MSEDCL Bilateral	0.616	61.081
2) TPCL Hydro	6.629	119.064	Include PX	0.000	2.020
TOTAL TPCL	31.336	923.275	2) MUMBAI Bilateral	7.007	131.802
3) REL Thermal	12.636	365.017	Include PX	1.936	49.440
D) STATE			3) MUMBAI Schedule	7.007	142.632
1) Thermal (A1+C1+C3)	132.647	3976.397	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.459	336.231	1) MSEDCL	221.648	6330.190
3) Gas (A3+B1)	37.662	1054.474	2) TPCL	34.076	945.670
4) Wind (B2)	16.137	506.114	3) REL	17.390	485.330
TOTAL STATE	204.905	5873.216	TOTAL STATE	273.114	7761.190

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3985	3986	3871
MSGENCO Hydro	277	1498	129
MSGENCO Gas	626	623	655
MSGENCO Total Generation	4888	6107	4655
Central Sector Receipt	3033	2934	2763
RGPPL	932	938	937
WIND	744	696	573
Exchange with TPCL	-659	-425	-98
MSEDCL DEMAND MET	8965	10277	8857
Load Shedding	2357	2660	503
MSEDCL DEMAND (INCL. LS)	11322	12937	9360
TPCL GENERATION	1510	1500	846
REL GENERATION	525	523	528
TPCL+REL DEMAND	2694	2448	1472
STATE DEMAND MET	11659	12725	10329
STATE DEMAND (INCL. LS)	14016	15385	10832
Frequency (Hz)	49.33	49.33	49.99
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3248 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			48.28 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.28 Hz at 03.05 Hrs	48.82 Hz at 21.15 Hrs	49.57	1.19 % 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 30/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	24.93	0	0	0
Unit 2	1.47	20.30	71	48	70
Unit 3	1.14	32.54	64	35	50
Unit 4	1.06	7.09	64	16	50
Unit 5	1.79	69.42	163	0	0
Unit 6	4.26	100.32	195	158	170
Unit 7	0.00	47.54	0	0	0
	9.71	302.14			340
Bhusawal					
Unit 1	0.90	23.22	49	25	30
Unit 2	3.12	75.98	155	95	140
Unit 3	3.47	104.39	169	113	150
	7.49	203.59			320
Parli					
Unit 1	0.59	14.31	26	22	20
Unit 2	0.60	16.53	26	24	20
Unit 3	3.98	60.36	172	158	160
Unit 4	0.00	79.64	0	0	0
Unit 5	4.01	111.39	180	146	160
Unit 6	0.00	0.00	0	0	0
	9.18	282.22			360
Chandrapur					
Unit 1	3.70	108.30	162	146	160
Unit 2	3.54	104.98	150	146	145
Unit 3	4.56	119.29	202	167	200
Unit 4	4.70	118.26	206	185	180
Unit 5	9.82	264.04	431	391	425
Unit 6	9.64	245.51	435	360	400
Unit 7	0.00	141.54	0	0	0
	35.95	1101.92			1510
Paras					
Unit 2	0.60	23.66	28	23	20
Unit 3	2.90	107.39	153	105	130
	3.50	131.05			150
Khaparkheda					
Unit 1	4.26	108.04	188	147	170
Unit 2	4.18	115.72	186	139	170
Unit 3	4.35	122.73	188	168	180
Unit 4	4.34	121.66	194	174	180
	17.13	468.15			700
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	1.22	36.04	76	31	50
Unit 3	4.17	45.00	202	147	160
Unit 4	2.82	121.82	173	0	170
Unit 5	4.12	107.08	188	157	160
	12.33	318.11			540
Uran					
All Units	15.20	387.75	655	607	625
	15.20	387.75			625
Koyna					
Stage 1-2	1.96	45.71	250	35	600
Stage 4	4.27	52.63	1061	0	250
Kovna 12&4 Total	6.23	98.34			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.56	40.73	240	0	240
	7.79	139.07			1090
Hydro					
KDPH	0.94	7.63	39	39	38
VTRNA	0.00	6.16	0	0	0
TILLARI	0.76	20.39	60	0	60
BHTGR/VEER	0.29	2.51	12	12	10
BHIRA T.R.	0.43	10.29	72	0	80
RNGR+BHTSA	0.10	4.43	4	4	0
BHANDARDRA	0.82	10.58	34	34	32
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.00	5.63	0	0	0
	3.32	67.62			220
PENCH (MS)					
Pench (MS)	0.72	10.48	54	0	
	0.72	10.48			
Wind					
MalharPeth	0.82	24.79			
Vankuswadi	2.00	56.15			
ATIT	0.43	11.39			
Kale	0.16	9.19			
Satara	1.83	37.33			
Shirala	0.62	21.03			
K Mahankal	0.08	10.65			
Supa	0.29	10.56			
Vita	2.65	106.29			
Dondaicha	4.16	130.97			
Sakri	0.90	22.30			
Nandurbar	0.42	14.15			
Khadakale	1.20	30.67			
Khaparale	0.57	20.62			
	16.14	506.11			
Dabhol					
RGPP L II	22.46	666.72	940	929	890
RGPP L III	0.00	0.00	0	0	
	22.46	666.72			890
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.94	331.14	500	460	500
Trombay 6	10.68	305.82	510	190	500
Trombay 7A	2.05	66.95	90	17	120
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	0.03	94.12	28	0	0
TATA Hydro	6.63	119.06	429	18	447
	31.34	923.28			1567
REL					
1&2	12.64	365.02	528	523	500
	12.64	365.02			500
Cent Sect					
Share					3052
					3052

MS PG CL	Thermal	95.30	2807.17		3920
	Thml+Gas	110.51	3194.92		4545
	Hydro	11.11	206.69		1310
	Total	121.61	3401.61		5855
State Total		204.90	5873.22		11864

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/Jul/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	3844	215	640	4699	938	632	2693	2787	-73	-102	8984	730	9714	1736	11450	49.72
2	3839	139	642	4620	939	563	2624	2868	-73	-101	8942	586	9528	1610	11138	49.82
3	3803	134	644	4581	940	669	2601	2864	-73	-100	9008	498	9506	1456	10962	49.92
4	3868	129	651	4648	938	659	2601	2765	-73	-99	8931	499	9430	1431	10861	50.10
5	3871	129	655	4655	937	573	2601	2763	-73	-98	8857	503	9360	1472	10832	49.99
6	3908	346	652	4906	938	625	2601	3265	-73	-101	9660	914	10574	1507	12081	49.83
7	3930	174	650	4754	937	667	2588	3003	-73	-102	9272	2167	11439	1679	13118	49.79
8	3990	163	644	4797	937	667	2574	2635	-73	-104	8932	2526	11458	1828	13286	49.73
9	3987	170	630	4787	935	715	2573	2589	-73	-106	8920	2447	11367	2073	13440	49.66
10	3987	230	616	4833	932	761	2696	2905	-386	-413	9018	2298	11316	2431	13747	49.47
11	3935	195	622	4752	930	751	2917	3013	-546	-573	8881	2515	11396	2613	14009	49.33
12	3985	277	626	4888	932	744	3086	3033	-631	-659	8965	2357	11322	2694	14016	49.33
13	4050	234	634	4918	929	707	3044	2693	-597	-616	8657	2401	11058	2629	13687	49.55
14	4055	188	630	4873	934	680	2983	2702	-512	-532	8684	2411	11095	2536	13631	49.46
15	4128	196	607	4931	933	662	2963	2800	-559	-581	8772	2394	11166	2590	13756	49.30
16	4089	249	618	4956	933	692	2986	2820	-559	-579	8875	2110	10985	2581	13566	49.36
17	4147	208	622	4977	933	804	2974	3037	-536	-554	9250	2153	11403	2566	13969	49.41
18	4019	293	626	4938	933	747	2919	2852	-448	-469	9054	2247	11301	2523	13824	49.63
19	4052	642	624	5318	935	726	2827	3068	-375	-393	9682	2196	11878	2424	14302	49.52
20	3986	1498	623	6107	938	696	2897	2934	-404	-425	10277	2660	12937	2448	15385	49.33
21	4029	1619	636	6284	940	589	2925	2629	-320	-314	10154	2447	12601	2359	14960	49.35
22	3913	1478	633	6024	939	646	2823	2922	-179	-176	10392	2362	12754	2218	14972	49.27
23	3955	1278	638	5871	940	607	2752	2547	-157	-156	9862	1455	11317	2106	13423	49.41
24	3934	923	639	5496	940	555	2741	2717	-140	-143	9619	1073	10692	1958	12650	49.51
MUs	95.30	11.11	15.20	121.61	22.46	16.14	66.99	68.21	-7.01	-7.50	221.65	43.95	265.60	51.47	317.06	49.57

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 30/Jul/2009

Position as on 6.30 Hrs of 31/Jul/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
Parli Unit 6	250	03/06/2009	06.35		Continued.	Annual Overhaul	05/08/2009
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Annual Overhaul.	09/08/2009
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	16/08/2009
Cent_Sect NTPC(V-7)	500	18/07/2009	23.27		Continued.	Annual Overhaul.	20/08/2009
Koradi Unit 7	210	20/07/2009	09.57		Continued.	Annual Overhaul	10/08/2009
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	04/09/2009
Tata Trombay 7A	120	25/07/2009	00.21	30/07/2009	00:32	Gas path inspection.	
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	20/08/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
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	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Cent_Sect Kawas GT1A	106	24/07/2009	09.42	30/07/2009	10:17	Low demand.	
Tata Trombay 8	250	26/07/2009	12.20	30/07/2009	23:27	H P Bypass Problem.	
Koradi Unit 5	200	26/07/2009	22.22	30/07/2009	09:26	Boiler Tube Leakage.	
Cent_Sect NTPC(V-3)	210	30/07/2009	11:18		Continued.	Boiler Tube Leakage.	
Nasik Unit 4	210	30/07/2009	17:15		Continued.	Boiler Tube Leakage.	02/08/2009
Uran Unit 8	108	31/07/2009	01:00	31/07/2009	03:57	R ph CT sparking.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2009

Position as on 6.30 Hrs of 31/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kolhapur-Phonda Ckt. I	26/07/2009	09.10		Continued.	Outage.
Tillary-Phonda	26/07/2009	09.52		Continued.	Outage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
AKOLA-WARDHA--I	09/07/2009	06:32		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	23/07/2009	00:18		Continued.	H/T For O/V.
Chandrapur-Bhadravati-II	23/07/2009	13.46		Continued.	H/T For O/V.
Kolhapur-Mapusa-II	30/07/2009	23:16		Continued.	H/T for O.V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
TARAPUR-BORIVALI	29/07/2009	12:30	30/07/2009	23:05	CT Replacement work.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari -II	30/07/2009	13:20	30/07/2009	13:53	Dist. prot.Z-1 B ph to E.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - Parly - 3	30/07/2009	08:15	30/07/2009	19:21	Commissioning of PLCC Pannel.
Lonikand- Koyna Stage IV	30/07/2009	09:06	30/07/2009	17:30	Insu.replacement work.
400/220 KV 315 MVA ICT at Khadka	30/07/2009	09:50	30/07/2009	18:09	Testing work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Nasik-Bablsr Ckt I	09/07/2009	09:45		Continued.	CKT on TBC,for Main Breaker Replacement.
220/132 KV,63 MVA,ICT-2 at Lonand.	10/07/2009	12.10		Continued.	HV C.B.Repl.,ICT on TBC
220/132 KV 63MVA T/F I at Lonand	23/07/2009	11.50		Continued.	Errection of New T/F
C'pur-Sicom-I	26/07/2009	09.50		Continued.	C.B.Replacement Work.Line on TBC.
KALWA-SALSETE-III	30/07/2009	04.44	30/07/2009	06.55	Detorited of 'B' Phase C T String replacement.
Miraj-Vita	30/07/2009	09:45		Continued.	Repl. of dist. prot. Relay.
Phursungi - Jejuri	30/07/2009	10:22	30/07/2009	17:24	Drain value repl.
Chinchwad-Bhosari	30/07/2009	10:29	30/07/2009	15:58	Q/M.
Gadchiroli - Virur	30/07/2009	10:45	30/07/2009	13:30	Replacement of R ph string no-14.
C'wad-Telco	30/07/2009	15:35	30/07/2009	19:04	Q. M.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Higna II - Kalmeshwar	30/07/2009	10:05	30/07/2009	17:22	Retro fitting work.
Boiser - Palghar - II	30/07/2009	11:07	31/07/2009	00:10	Retrofitting work.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	24/07/2009	06.25		Continued.	H/T To increase Akola ICT Load
Wardha--Dhamangaon	24/07/2009	06.26		Continued.	H/T To increase Akola ICT load.
220/132,200 MVA Tr.-I @ Theur.	30/07/2009	10:35	30/07/2009	15:25	To attend oil leakage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jul/2009

Position as on 6.30 Hrs of 31/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Trombay-Nerul	30/07/2009	12:38	30/07/2009	14:07	Hot Spot.
Voltage Level : 220KV			Outage Type TRIPPED		
Bblswr-Anagar Ckt.II	30/07/2009	02.06	30/07/2009	02.38	R Ph to Neutral Fault.
Trombay-Nerul	30/07/2009	16:58	30/07/2009	19:38	Trip on dist. prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 31/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	50
Unit 3	105	50
Unit 4	105	50
Unit 5	200	140
Unit 6	210	180
Unit 7	210	0
	1040	470
Bhusawal		
Unit 1	58	45
Unit 2	210	140
Unit 3	210	170
	478	355
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	0
Unit 5	210	170
Unit 6	250	0
	940	370
Chandrapur		
Unit 1	210	160
Unit 2	210	145
Unit 3	210	200
Unit 4	210	200
Unit 5	500	425
Unit 6	500	400
Unit 7	500	0
	2340	1530
Paras		
Unit 2	55	20
Unit 3	250	130
	305	150
Khaparkheda		
Unit 1	210	190
Unit 2	210	190
Unit 3	210	190
Unit 4	210	190
	840	760
Nasik		
Unit 1	120	0
Unit 2	120	50
Unit 3	210	170
Unit 4	210	0
Unit 5	210	160
	870	380
Uran		
All Units	852	580
	852	580
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	38
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	220
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	960	890
RGPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	80
TATA Hydro	444	447
	2024	1647
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2950
	3143	2950