



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Jul/2009

State Load Dispatch Center,Airoli (MSETCL)
Daily system Report for 27/Jul/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	78.246	2541.702	1) Madhya Pradesh	41.950	1199.852
2) Hydro	7.580	175.279	2) Gujrat	29.359	507.088
3) Gas	13.946	344.413	3) Goa	-5.607	-147.948
Total MSGENCO	99.772	3061.394	4)TAPS 1&2 (Inj.)	6.504	111.908
B) OTHERS			5)Pench (Excess)	-0.411	-6.850
1) RGPPL Gas	22.509	599.344	# Total Cent. Sector	71.795	1664.050
2) Wind Generation	22.990	449.376	F) Other Exchanges		
3) PENCH (MS)	0.411	8.508	1) With TPCL	-8.158	-118.405
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	22.510	733.224	1) MSEDCL Bilateral	0.616	59.233
2) TPCL Hydro	5.820	99.198	Include PX	0.000	2.020
TOTAL TPCL	28.330	832.422	2) MUMBAI Bilateral	5.964	108.765
3) REL Thermal	12.680	327.063	Include PX	2.317	42.695
D) STATE			3) MUMBAI Schedule	7.364	119.595
1) Thermal (A1+C1+C3)	113.436	3601.989	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.811	282.985	1) MSEDCL	209.319	5672.775
3) Gas (A3+B1)	36.455	943.757	2) TPCL	32.523	844.139
4) Wind (B2)	22.990	449.376	3) REL	16.645	433.743
TOTAL STATE	186.692	5278.107	TOTAL STATE	258.487	6950.657

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3422	3322	3013
MSGENCO Hydro	425	1012	133
MSGENCO Gas	632	580	575
MSGENCO Total Generation	4479	4914	3721
Central Sector Receipt	2913	3447	2580
RGPPL	942	935	940
WIND	1035	832	896
Exchange with TPCL	-662	-504	-68
MSEDCL DEMAND MET	8717	9651	8106
Load Shedding	1630	1894	507
MSEDCL DEMAND (INCL. LS)	10347	11545	8613
TPCL GENERATION	1370	1315	704
REL GENERATION	527	527	531
TPCL+REL DEMAND	2559	2346	1303
STATE DEMAND MET	11276	11997	9409
STATE DEMAND (INCL. LS)	12906	13891	9916
Frequency (Hz)	49.83	49.74	49.93
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2358 MW at 20.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			36.60 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.33 Hz at 17.02 Hrs	49.14 Hz at 13.53 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 27/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	1.36	15.52	76	0	70
Unit 3	1.72	28.66	88	56	80
Unit 4	0.05	3.05	23	0	0
Unit 5	0.00	67.63	0	0	0
Unit 6	3.58	88.26	178	112	170
Unit 7	0.00	47.54	0	0	0
	6.71	275.59			320
Bhusawal					
Unit 1	0.30	20.96	17	8	20
Unit 2	0.00	68.29	0	0	0
Unit 3	3.06	94.00	151	109	150
	3.36	183.25			170
Parli					
Unit 1	0.48	12.58	25	0	20
Unit 2	0.59	14.74	26	22	20
Unit 3	4.07	54.33	178	158	150
Unit 4	0.00	79.64	0	0	0
Unit 5	3.33	99.16	169	0	0
Unit 6	0.00	0.00	0	0	0
	8.47	260.45			190
Chandrapur					
Unit 1	3.68	96.98	162	142	150
Unit 2	3.54	94.34	150	142	145
Unit 3	4.22	105.69	197	155	180
Unit 4	4.38	104.70	206	154	200
Unit 5	10.10	234.65	460	395	425
Unit 6	9.54	216.78	417	340	400
Unit 7	0.00	141.54	0	0	0
	35.47	994.69			1500
Paras					
Unit 2	0.56	21.86	29	16	20
Unit 3	3.13	98.41	151	108	140
	3.69	120.27			160
Khaparkheda					
Unit 1	0.00	100.39	0	0	0
Unit 2	4.44	103.29	190	181	190
Unit 3	5.08	109.08	213	210	205
Unit 4	4.86	108.34	211	193	210
	14.38	421.10			605
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	1.45	32.10	74	48	90
Unit 3	0.06	35.08	62	0	0
Unit 4	3.58	111.34	177	5	160
Unit 5	1.08	99.66	149	0	160
	6.17	286.35			410
Uran					
All Units	13.95	344.41	640	506	600
	13.95	344.41			600
Koyna					
Stage 1-2	1.38	40.30	295	35	530
Stage 4	1.29	41.89	497	0	250
Koyna 12&4 Total	2.68	82.18			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.25	35.34	240	0	240
	3.93	117.53			1020
Hydro					
KDPH	0.95	4.82	40	39	40
VTRNA	0.14	6.16	61	0	60
TILLARI	0.69	18.34	60	0	60
BHTGR/VEER	0.50	1.65	21	20	12
BHIRA T.R.	0.44	8.88	81	0	80
RNGR+BHTSA	0.10	4.14	5	4	0
BHANDARDRA	0.82	8.13	35	34	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.00	5.63	0	0	0
	3.65	57.75			282
PENCH (MS)					
Pench (MS)	0.41	8.51	37	0	
	0.41	8.51			
Wind					
MalharPeth	1.11	21.92			
Vankuswadi	2.13	49.40			
ATIT	0.49	9.95			
Kale	0.25	8.56			
Satara	1.99	31.62			
Shirala	0.89	18.82			
K Mahankal	0.11	10.42			
Supa	0.52	9.59			
Vita	3.70	97.14			
Dondaicha	6.97	115.58			
Sakri	1.27	18.99			
Nandurbar	0.68	12.71			
Khadakale	1.94	26.20			
Khaparale	0.95	18.48			
	22.99	449.38			
Dabhol					
RGPP L II	22.51	599.34	945	933	890
RGPP L III	0.00	0.00	0	0	
	22.51	599.34			890
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.99	295.28	500	490	500
Trombay 6	10.52	272.78	510	150	500
Trombay 7A	0.00	64.90	0	0	0
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	0.00	94.10	0	0	0
TATA Hydro	5.82	99.20	378	54	447
	28.33	832.42			1447
REL					
1&2	12.68	327.06	531	526	500
	12.68	327.06			500
Cent Sect					
Share					2910
					2910

MS PG CL	Thermal	78.25	2541.70		3355
	Thml+Gas	92.19	2886.12		3955
	Hydro	7.58	175.28		1302
	Total	99.77	3061.39		5257
State Total		186.69	5278.11		11004

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	3132	132	574	3838	934	1056	2494	2801	-53	-66	8586	312	8898	1547	10445	49.49
2	3108	132	576	3816	940	865	2431	2766	-53	-65	8345	312	8657	1419	10076	49.78
3	3056	132	575	3763	939	882	2445	2695	-53	-63	8253	332	8585	1356	9941	49.83
4	3013	133	575	3721	940	896	2486	2580	-53	-68	8106	507	8613	1303	9916	49.93
5	3070	133	572	3775	938	916	2499	2642	-53	-81	8227	569	8796	1314	10110	49.79
6	3138	133	506	3777	935	867	2499	3008	-53	-80	8537	771	9308	1437	10745	49.54
7	3235	143	583	3961	937	844	2468	2739	-53	-78	8430	1709	10139	1641	11780	49.94
8	3318	159	614	4091	937	901	2436	2373	-53	-82	8247	1836	10083	1763	11846	49.90
9	3261	180	640	4081	937	917	2433	2468	-153	-175	8239	2113	10352	2016	12368	49.96
10	3365	261	632	4258	936	1034	2656	2775	-411	-491	8522	1950	10472	2329	12801	49.83
11	3422	425	632	4479	942	1035	2854	2913	-590	-662	8717	1630	10347	2559	12906	49.83
12	3400	411	623	4434	945	1166	2971	3036	-646	-713	8878	1382	10260	2618	12878	49.67
13	3337	234	570	4141	939	1135	3010	3235	-623	-696	8764	1298	10062	2585	12647	49.78
14	3323	198	564	4085	943	1104	3008	2979	-496	-572	8549	1402	9951	2468	12419	49.71
15	3315	179	566	4060	933	1090	2960	2938	-529	-603	8428	1563	9991	2518	12509	49.62
16	3322	184	564	4070	933	1048	2991	3171	-529	-608	8624	1400	10024	2492	12516	49.86
17	3286	180	544	4010	934	1032	2982	3535	-505	-586	8941	1472	10413	2473	12886	49.93
18	3286	183	550	4019	934	1003	2982	3057	-525	-546	8483	1896	10379	2439	12818	49.89
19	3307	342	539	4188	938	930	2983	3583	-469	-482	9173	1552	10725	2357	13082	49.91
20	3322	1012	580	4914	935	832	2995	3447	-481	-504	9651	1894	11545	2346	13891	49.74
21	3314	1333	613	5260	941	881	2910	3214	-424	-410	9900	1689	11589	2242	13831	49.87
22	3295	942	612	4849	940	882	2786	3100	-283	-275	9496	1611	11107	2143	13250	49.87
23	3300	269	600	4169	939	865	2686	3433	-150	-135	9271	1091	10362	1970	12332	49.84
24	3318	150	542	4010	940	809	2737	3314	-128	-117	8956	651	9607	1833	11440	49.85
MUs	78.24	7.58	13.95	99.77	22.51	22.99	65.70	71.80	-7.36	-8.16	209.32	30.94	240.26	49.17	289.43	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 27/Jul/2009

Position as on 6.30 Hrs of 28/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
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	
Bhusawal Unit 2	210	24/07/2009	11.55	28/07/2009	09.36	Boiler Tube Leakage.	
Koradi Unit 2	105	25/07/2009	10.15	27/07/2009	02.42	Bunkering Problem.	
Koradi Unit 4	115	26/07/2009	02.55	27/07/2009	21.38	Coal Bunkering Problem.	30/07/2009
Nasik Unit 4	210	26/07/2009	19.08	27/07/2009	00.55	L B B Operated At Nasik GCR.	
Nasik Unit 5	210	26/07/2009	19.08	27/07/2009	08.55	L B B Operated At Nasik GCR.	
Nasik Unit 3	210	27/07/2009	00.50	28/07/2009	07.22	Condenser Tube Leakage.	
Parli Unit 5	210	27/07/2009	03.15	27/07/2009	06.10	Boiler Protection Operated.	
Parli Unit 1	30	27/07/2009	10.07	27/07/2009	13.10	Field Breaker Work.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jul/2009

Position as on 6.30 Hrs of 28/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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.
Kolhapur - Chikodi	27/07/2009	11.25	27/07/2009	17.00	Q.M.Work.
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	27/07/2009	00.04	27/07/2009	09.01	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Bus Reactor at Bhusawal	27/07/2009	10.00	27/07/2009	16.00	To Attend Oil Leakage.
Solapur-Karad	28/07/2009	09.36	28/07/2009	18.42	Scada 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.
N.Koyna-Lote(p)	27/07/2009	10.00	27/07/2009	15.55	R.M.Work.
M.B. at Lote S/S.	27/07/2009	10.25	27/07/2009	16.00	To Attend Foundation Support.
Main Bus - II @ Mudsunghi	27/07/2009	11.45	27/07/2009	16.10	To Attend Hot Spot At Bus Isolator.
Baramati-Kalyani	27/07/2009	14.45	27/07/2009	18.10	Retrofitting Work.
Main Bus at Miraj	28/07/2009	09.45	28/07/2009	19.02	Q.M.work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Koradi - Bhusawal	28/07/2009	10.28	28/07/2009	10.37	To take reactor out of service to attend oil leakage
Koradi - Bhusawal	28/07/2009	16.03	28/07/2009	16.07	To take reactor in service
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.
Bhigwan-Kalyani	28/07/2009	15.50	28/07/2009	17.30	Retrofitting work
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Amravati-Morshi Ckt.	24/07/2009	21.15	27/07/2009	17.57	On TBC.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Bablsr Ckt II	26/07/2009	19.08	27/07/2009	13.56	Distance Protection.
N.Koyna-Lote(p)	27/07/2009	18.20	27/07/2009	23.15	B Phase L A Burst.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jul/2009

Position as on 6.30 Hrs of 28/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Chandrapur-Gadchandur	27/07/2009	21.40	27/07/2009	22.04	Distance Protection.
Miraj-Vita	28/07/2009	19.55	28/07/2009	20.17	Distance protection
Miraj-Karad	28/07/2009	19.55	28/07/2009	20.17	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Kalmeshwar - Hingna - II	27/07/2009	17.32	27/07/2009	17.40	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	50
Unit 4	105	30
Unit 5	200	0
Unit 6	210	150
Unit 7	210	0
	1040	300
Bhusawal		
Unit 1	58	20
Unit 2	210	0
Unit 3	210	150
	478	170
Parli		
Unit 1	30	25
Unit 2	30	25
Unit 3	210	0
Unit 4	210	0
Unit 5	210	175
Unit 6	250	0
	940	225
Chandrapur		
Unit 1	210	150
Unit 2	210	145
Unit 3	210	200
Unit 4	210	210
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	0
Unit 2	210	190
Unit 3	210	205
Unit 4	210	210
	840	605
Nasik		
Unit 1	120	0
Unit 2	120	60
Unit 3	210	0
Unit 4	210	160
Unit 5	210	50
	870	270
Uran		
All Units	852	600
	852	600
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	240
	1920	1020
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	40
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	12
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	282
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	0
Trombay 7B	60	0
Trombay 8	250	0
TATA Hydro	444	447
	2024	1447
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2897
	3143	2897