



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Jul/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	90.883	1819.616	1) Madhya Pradesh	48.150	818.580
2) Hydro	6.491	97.637	2) Gujrat	11.327	325.871
3) Gas	14.929	225.482	3) Goa	-5.940	-97.052
Total MSGENCO	112.303	2142.735	4) TAPS 1&2 (Inj.)	3.630	65.654
B) OTHERS			5) Pench (Excess)	-0.133	-2.537
1) RGPPL Gas	21.174	397.522	# Total Cent. Sector	57.034	1110.516
2) Wind Generation	19.755	253.962	F) Other Exchanges		
3) PENCH (MS)	0.133	2.537	1) With TPCL	-2.639	-84.103
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.052	502.367	1) MSEDCL Bilateral	0.615	46.810
2) TPCL Hydro	4.769	54.096	Include PX	0.000	1.086
TOTAL TPCL	32.821	556.463	2) MUMBAI Bilateral	3.045	76.711
3) REL Thermal	12.662	212.966	Include PX	1.090	30.090
D) STATE			3) MUMBAI Schedule	3.045	86.141
1) Thermal (A1+C1+C3)	131.597	2534.949	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.393	154.270	1) MSEDCL	207.760	3825.706
3) Gas (A3+B1)	36.103	623.004	2) TPCL	31.927	564.897
4) Wind (B2)	19.755	253.962	3) REL	16.193	288.641
TOTAL STATE	198.848	3566.185	TOTAL STATE	255.880	4679.244

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	3854	3982	3512
MSGENCO Hydro	218	1091	114
MSGENCO Gas	632	614	620
MSGENCO Total Generation	4704	5687	4246
Central Sector Receipt	2436	2568	2132
RGPPL	651	931	935
WIND	970	792	657
Exchange with TPCL	-255	-122	40
MSEDCL DEMAND MET	8506	9870	8010
Load Shedding	1198	1977	0
MSEDCL DEMAND (INCL. LS)	9704	11847	8010
TPCL GENERATION	1689	1602	916
REL GENERATION	529	528	529
TPCL+REL DEMAND	2473	2252	1405
STATE DEMAND MET	10979	12122	9415
STATE DEMAND (INCL. LS)	12177	14099	9415
Frequency (Hz)	49.73	49.40	49.96
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2135 MW At 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			19.65 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.11 Hz at 07.23 Hrs	48.78 Hz at 23.05 Hrs	49.57	3.21 % 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/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.57	19.66	75	48	60
Unit 2	1.61	7.83	73	48	70
Unit 3	0.75	17.05	72	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	2.63	45.59	128	92	110
Unit 6	2.94	59.41	131	110	120
Unit 7	3.03	44.10	140	102	120
	12.54	193.65			480
Bhusawal					
Unit 1	0.81	17.58	46	23	35
Unit 2	2.85	59.36	144	87	140
Unit 3	2.94	66.32	146	109	150
	6.60	143.26			325
Parli					
Unit 1	0.50	8.74	22	20	20
Unit 2	0.60	10.22	26	23	20
Unit 3	0.00	32.00	0	0	0
Unit 4	3.73	63.67	163	141	150
Unit 5	4.14	70.00	180	163	160
Unit 6	0.00	0.00	0	0	0
	8.97	184.63			350
Chandrapur					
Unit 1	3.61	66.68	159	142	150
Unit 2	3.51	64.51	150	138	150
Unit 3	3.50	72.40	175	111	140
Unit 4	3.52	70.45	179	96	125
Unit 5	9.39	168.64	425	363	430
Unit 6	7.00	142.09	410	176	250
Unit 7	0.00	141.54	0	0	0
	30.53	726.32			1245
Paras					
Unit 2	0.95	16.07	46	30	40
Unit 3	3.67	79.92	174	122	150
	4.62	95.98			190
Khaparkheda					
Unit 1	3.89	73.72	178	143	160
Unit 2	3.72	69.31	170	134	160
Unit 3	3.95	74.79	172	161	160
Unit 4	4.00	74.94	175	160	160
	15.56	292.76			640
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2		18.38	0	0	0
Unit 3	4.06	10.79	184	158	170
Unit 4	4.12	76.64	186	153	170
Unit 5	3.89	69.04	172	155	160
	12.07	183.02			500
Uran					
All Units	14.93	225.48	657	602	600
	14.93	225.48			600
Koyna					
Stage 1-2	1.38	25.44	160	25	600
Stage 4	1.27	19.93	543	0	250
Kovna 12&4 Total	2.65	45.37			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.53	21.87	320	0	320
	4.18	67.24			1170
Hydro					
KDPH	0.00	1.21	0	0	0
VTRNA		4.06	0	0	60
TILLARI	1.04	10.85	60	0	60
BHTGR/VEER	0.14	0.14	6	6	0
BHIRA T.R.	0.45	5.11	80	0	80
RNGR+BHTSA	0.05	3.57	2	2	20
BHANDARDRA	0.62	1.16	26	26	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.00	4.28	0	0	0
	2.31	30.40			220
PENCH (MS)					
Pench (MS)	0.13	2.54	15	0	
	0.13	2.54			
Wind					
MalharPeth	1.06	13.53			
Vankuswadi	2.40	29.37			
ATIT	0.38	6.50			
Kale	0.26	5.30			
Satara	0.93	17.73			
Shirala	0.91	11.18			
K Mahankal	1.23	7.25			
Supa	0.54	5.18			
Vita	4.06	64.09			
Dondaicha	4.96	55.83			
Sakri	0.84	8.67			
Nandurbar	0.23	6.31			
Khadakale	1.17	13.98			
Khaparale	0.79	9.07			
	19.76	253.96			
Dabhol					
RGPP L II	21.17	397.52	935	625	890
RGPP L III	0.00	0.00	0	0	
	21.17	397.52			890
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	10.49	193.91	505	370	500
Trombay 6	10.47	183.50	510	225	500
Trombay 7A	2.33	50.68	101	85	115
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	4.76	68.09	234	161	180
TATA Hydro	4.77	54.10	414	58	447
	32.82	556.46			1742
REL					
1&2	12.66	212.97	530	521	500
	12.66	212.97			500
Cent Sect					
Share					2595
					2595

MS PG CL	Thermal	90.88	1819.62		3730
	Thml+Gas	105.81	2045.10		4330
	Hydro	6.49	97.64		1390
	Total	112.30	2142.74		5720
State Total		198.85	3566.18		11447

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	3554	131	618	4303	931	620	2420	2487	10	41	8392	309	8701	1598	10299	49.53
2	3514	113	618	4245	931	652	2424	2223	4	44	8099	155	8254	1499	9753	49.68
3	3504	134	620	4258	932	646	2426	2239	4	47	8122	0	8122	1418	9540	49.80
4	3512	114	620	4246	935	657	2426	2132	4	40	8010	0	8010	1405	9415	49.96
5	3560	114	625	4299	933	723	2426	2196	4	38	8189	24	8213	1422	9635	49.74
6	3596	159	630	4385	932	763	2422	2379	4	38	8497	483	8980	1481	10461	49.66
7	3634	139	635	4408	931	868	2415	2374	10	35	8616	856	9472	1628	11100	49.85
8	3683	165	640	4488	933	952	2409	2294	10	34	8701	697	9398	1686	11084	49.95
9	3788	170	630	4588	930	1012	2385	2106	10	38	8674	795	9469	1926	11395	49.78
10	3807	186	632	4625	928	1100	2506	2295	-237	-254	8694	879	9573	2249	11822	49.60
11	3854	218	632	4704	651	970	2548	2436	-237	-255	8506	1198	9704	2473	12177	49.73
12	3804	221	624	4649	625	1053	2540	2322	-243	-271	8378	1165	9543	2484	12027	49.52
13	3851	126	622	4599	645	1056	2547	2235	-255	-279	8256	1128	9384	2437	11821	49.54
14	3847	119	620	4586	683	928	2554	2283	-255	-279	8201	1108	9309	2418	11727	49.61
15	3895	99	613	4607	911	1019	2544	2220	-240	-259	8498	946	9444	2364	11808	49.36
16	3885	114	610	4609	921	871	2538	2435	-237	-270	8571	787	9358	2365	11723	49.32
17	3856	118	612	4586	926	753	2537	2659	-237	-268	8671	853	9524	2302	11826	49.60
18	3898	122	616	4636	926	647	2550	2648	-245	-212	8660	1089	9749	2247	11996	49.64
19	3909	279	616	4804	927	741	2504	2605	-194	-164	8927	1603	10530	2217	12747	49.56
20	3962	855	608	5425	928	716	2535	2555	-176	-148	9490	2124	11614	2278	13892	49.32
21	3982	1091	614	5687	931	792	2569	2554	-176	-122	9856	1977	11833	2252	14085	49.40
22	3992	801	614	5407	930	766	2576	2456	-161	-108	9465	1893	11358	2130	13488	49.37
23	3987	556	602	5145	927	751	2603	2591	-107	-53	9375	1310	10685	1977	12662	49.20
24	4026	347	657	5030	927	699	2521	2390	-106	-52	9008	954	9962	1866	11828	49.04
MUs	90.90	6.49	14.93	112.32	21.17	19.76	59.92	57.11	-3.05	-2.64	207.86	22.33	230.19	48.12	278.31	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 18/Jul/2009

Position as on 6.30 Hrs of 19/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	20/07/2009
Cent_Sect Tarapur 2	80	16/06/2009	22:10		Continued.	Refueling Outage.	30/07/2009
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
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	
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	27/07/2009
Koradi Unit 4	115	28/06/2009	14.18		Continued.	Coal Bunkering problem.	20/07/2009
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Koradi Unit 3	105	14/07/2009	01.06	18/07/2009	10.50	Boiler Tube Leakage	
Nasik Unit 2	125	16/07/2009	13.25	19/07/2009	23.53	BLR T/L.	
Cent_Sect NTPC(V-4)	210	17/07/2009	15.21	18/07/2009	18.34	BLR T/L.	
Dabhol 3X	290	18/07/2009	09.54	18/07/2009	13.40	Reverse Powerflow.	
Dabhol 3B	230	18/07/2009	10.10	18/07/2009	11.46	Reverse Powerflow.	

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

Position as on 6.30 Hrs of 19/Jul/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		
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	16/07/2009	20.48		Continued.	H/T For O/V.
Kolhapur-Mapusa Ckt I	17/07/2009	23.02	18/07/2009	12.52	H/T for O/V.
Padgha-Bhoisor (PGCIL)	18/07/2009	21.30	18/07/2009	21.50	H/T For Taking line reactor in service.
Kolhapur-Mapusa-II	19/07/2009	00.04	19/07/2009	09.11	H/T For O/V.
Kolhapur-Mapusa-II	19/07/2009	23.35		Continued.	H/T for Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collopsed.
Padgha-Tarapur CKT.II	18/07/2009	05.11	18/07/2009	10.21	D.T.Fail
Padgha-Bhoisor (PGCIL)	18/07/2009	06.49	18/07/2009	09.33	Reactor PRV Operated.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Chandrapur	13/07/2009	22.37	19/07/2009	19.57	Main Breaker prob.Line on TBC at C'Pur
Karad-Lonikhand	16/07/2009	09.55	18/07/2009	19.36	Retrofitting 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 is on TBC)
Bus Coupler at Khaparkheda	16/07/2009	11.57		Continued.	C.B.O/H Work.
Karad-Wathar	18/07/2009	11.33	18/07/2009	13.43	Tree Cutting Work.
220/100 KV,100 MVA ICT-I @ Tambati	18/07/2009	11.35	18/07/2009	15.45	CTR Fire protection Work.
220/132 Kv200 MVA ICT at Kalmeshwar	18/07/2009	12.51	18/07/2009	18.50	CTR Panel Work.
Theur - Jejuri	18/07/2009	14.25	18/07/2009	17.16	Testing Work.
Kanhan - Bhandara - I	18/07/2009	14.34	18/07/2009	17.37	Autorecloser Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Bablsr 2-Bablsr 1 CKT II	17/07/2009	21.38	18/07/2009	00.14	To attend Hot Spot.
Koradi-Ambazari-I	19/07/2009	11.08	19/07/2009	16.25	Jumper snapped.
Apta - Taloja	19/07/2009	13.00	19/07/2009	16.57	Sparking at wavetrap jumper.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 315 MVA ICT at Akola	16/07/2009	14.37		Continued.	LV CB H/T
400/220 KV 300 MVA ICT-I @ Koradi	17/07/2009	18.45	18/07/2009	22.17	Main breaker PDR prob. ICT on TBC
400/220KV,315MVA ICT-II at BBLSR	18/07/2009	01.33		Continued.	H/T H V Side & L V Side Breakers due to fire in cable.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSR-RANJANGAON	18/07/2009	06.02		Continued.	To Control ICT Loading.
Voltage Level : 220KV			Outage Type TRIPPED		

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

Position as on 6.30 Hrs of 19/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
TROMBAY TIE-I	19/07/2009	04.06	19/07/2009	05.57	Pilot Wire B.Ph-E

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	120
Unit 6	210	120
Unit 7	210	130
	1040	580
Bhusawal		
Unit 1	58	35
Unit 2	210	140
Unit 3	210	150
	478	325
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	150
Unit 5	210	160
Unit 6	250	0
	940	350
Chandrapur		
Unit 1	210	150
Unit 2	210	145
Unit 3	210	180
Unit 4	210	170
Unit 5	500	425
Unit 6	500	400
Unit 7	500	0
	2340	1470
Paras		
Unit 2	55	40
Unit 3	250	160
	305	200
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	160
	840	640
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	170
Unit 4	210	170
Unit 5	210	160
	870	500
Uran		
All Units	852	600
	852	600
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	
VTRNA	60	
TILLARI	60	
BHTGR/VEER	21	
BHIRA T.R.	80	
RNGR+BHTSA	20	
BHANDARDRA	45	
ELDARY	23	
PAITHAN	12	
GHATGHAR	250	
	611	
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	960	890
RGPPPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	175
TATA Hydro	444	447
	2024	1692
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2350
	3143	2350