



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Jul/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	89.840	1728.733	1) Madhya Pradesh	42.138	770.430
2) Hydro	6.274	91.146	2) Gujrat	11.025	314.544
3) Gas	14.993	210.553	3) Goa	-6.054	-91.112
Total MSGENCO	111.107	2030.432	4)TAPS 1&2 (Inj.)	3.641	62.024
B) OTHERS			5)Pench (Excess)	-0.133	-2.404
1) RGPPL Gas	22.262	376.348	# Total Cent. Sector	50.617	1053.482
2) Wind Generation	19.275	234.207	F) Other Exchanges		
3) PENCH (MS)	0.133	2.404	1) With TPCL	-3.268	-81.464
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.181	474.315	1) MSEDCL Bilateral	0.615	46.195
2) TPCL Hydro	6.353	49.327	Include PX	0.000	1.086
TOTAL TPCL	34.534	523.642	2) MUMBAI Bilateral	3.284	73.666
3) REL Thermal	12.695	200.304	Include PX	1.170	29.000
D) STATE			3) MUMBAI Schedule	3.284	83.096
1) Thermal (A1+C1+C3)	130.716	2403.352	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	12.760	142.877	1) MSEDCL	200.126	3617.813
3) Gas (A3+B1)	37.255	586.901	2) TPCL	33.799	532.970
4) Wind (B2)	19.275	234.207	3) REL	16.697	272.448
TOTAL STATE	200.006	3367.337	TOTAL STATE	250.622	4423.231

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 9 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3816	3728	3589
MSGENCO Hydro	225	965	111
MSGENCO Gas	624	625	625
MSGENCO Total Generation	4665	5318	4325
Central Sector Receipt	2189	2549	1920
RGPPL	929	927	933
WIND	878	655	806
Exchange with TPCL	27	-130	29
MSEDCL DEMAND MET	8688	9343	8013
Load Shedding	1117	1482	0
MSEDCL DEMAND (INCL. LS)	9805	10825	8013
TPCL GENERATION	1549	1674	909
REL GENERATION	529	528	530
TPCL+REL DEMAND	2051	2332	1410
STATE DEMAND MET	10739	11675	9423
STATE DEMAND (INCL. LS)	11856	13157	9423
Frequency (Hz)	49.64	49.45	49.67
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1377 MW at 21.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2.10 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.2 Hz at 18.00 Hrs	49.06 Hz at 20.17 Hrs	49.63	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/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.26	18.09	71	38	50
Unit 2	1.66	6.22	75	60	60
Unit 3	0.00	16.30	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	2.47	42.96	130	79	110
Unit 6	2.73	56.47	140	50	110
Unit 7	2.82	41.07	146	68	110
	10.94	181.11			440
Bhusawal					
Unit 1	0.85	16.77	48	24	35
Unit 2	3.09	56.51	147	105	140
Unit 3	3.34	63.38	158	91	150
	7.28	136.66			325
Parli					
Unit 1	0.49	8.24	21	19	20
Unit 2	0.55	9.62	24	21	20
Unit 3	0.00	32.00	0	0	0
Unit 4	3.40	59.94	157	98	150
Unit 5	3.96	65.87	180	143	160
Unit 6	0.00	0.00	0	0	0
	8.40	175.66			350
Chandrapur					
Unit 1	3.74	63.07	162	149	170
Unit 2	3.50	61.00	150	138	150
Unit 3	3.50	68.90	174	89	180
Unit 4	3.59	66.93	187	98	150
Unit 5	9.42	159.25	424	361	375
Unit 6	7.89	135.09	420	260	400
Unit 7	0.00	141.54	0	0	0
	31.65	695.78			1425
Paras					
Unit 2	0.87	15.12	43	30	40
Unit 3	4.11	76.25	212	132	200
	4.98	91.36			240
Khaparkheda					
Unit 1	3.61	69.83	170	127	160
Unit 2	3.72	65.59	170	122	160
Unit 3	3.50	70.84	185	0	160
Unit 4	3.99	70.94	173	158	160
	14.82	277.20			640
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	0.00	18.38	0	0	0
Unit 3	3.80	6.73	188	112	170
Unit 4	4.08	72.52	183	156	170
Unit 5	3.88	65.16	170	153	160
	11.77	170.96			500
Uran					
All Units	14.99	210.55	636	618	600
	14.99	210.55			600
Koyna					
Stage 1-2	1.38	24.06	155	30	600
Stage 4	0.99	18.66	324	0	250
Kovna 12&4 Total	2.38	42.72			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.08	20.34	240	0	320
	3.46	63.06			1170
Hydro					
KDPH	0.00	1.21	0	0	0
VTRNA	0.18	4.06	61	0	60
TILLARI	1.41	9.81	60	55	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.48	4.66	81	0	80
RNGR+BHTSA	0.03	3.52	2	0	10
BHANDARDRA	0.48	0.54	20	20	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.23	4.28	125	0	0
	2.81	28.09			210
PENCH (MS)					
Pench (MS)	0.13	2.40	25	0	
	0.13	2.40			
Wind					
MalharPeth	1.11	12.48			
Vankuswadi	2.38	26.96			
ATIT	0.51	6.12			
Kale	0.26	5.04			
Satara	0.96	16.80			
Shirala	0.93	10.26			
K Mahankal	1.24	6.02			
Supa	0.44	4.64			
Vita	4.16	60.03			
Dondaicha	4.30	50.87			
Sakri	0.59	7.83			
Nandurbar	0.49	6.08			
Khadakale	1.13	12.80			
Khaparale	0.79	8.28			
	19.28	234.21			
Dabhol					
RGPP L II	22.26	376.35	933	918	888
RGPP L III	0.00	0.00	0	0	
	22.26	376.35			888
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.14	183.42	505	350	500
Trombay 6	10.05	173.04	510	150	500
Trombay 7A	2.61	48.36	125	90	115
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	4.38	63.33	203	145	180
TATA Hydro	6.35	49.33	471	58	447
	34.53	523.64			1742
REL					
1&2	12.70	200.30	531	527	500
	12.70	200.30			500
Cent Sect					
Share					2663
					2663

MS PG CL	Thermal	89.84	1728.73		3920
	Thml+Gas	104.83	1939.29		4520
	Hydro	6.27	91.15		1380
	Total	111.11	2030.43		5900
State Total		200.01	3367.34		11693

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	3501	110	623	4234	931	782	2518	2248	9	23	8218	0	8218	1625	9843	49.53
2	3499	130	621	4250	931	814	2517	2152	9	26	8173	0	8173	1488	9661	49.53
3	3589	120	627	4336	932	800	2517	2053	9	25	8146	0	8146	1434	9580	49.72
4	3589	111	625	4325	933	806	2517	1920	9	29	8013	0	8013	1410	9423	49.67
5	3637	125	622	4384	932	815	2517	1964	9	28	8123	0	8123	1403	9526	49.58
6	3641	117	622	4380	931	778	2512	2490	9	26	8605	227	8832	1482	10314	49.58
7	3757	150	624	4531	930	730	2490	2374	9	24	8589	955	9544	1647	11191	49.63
8	3866	185	622	4673	930	785	2483	2124	9	25	8537	955	9492	1806	11298	49.60
9	3816	225	624	4665	929	878	2483	2189	9	27	8688	1117	9805	2051	11856	49.64
10	3858	244	625	4727	929	890	2566	2005	-249	-275	8276	692	8968	2391	11359	49.71
11	3833	235	628	4696	929	907	2637	1880	-307	-335	8077	558	8635	2611	11246	49.75
12	3862	164	619	4645	925	965	2679	1662	-343	-373	7824	558	8382	2661	11043	49.58
13	3878	114	618	4610	918	899	2653	1716	-296	-345	7798	558	8356	2595	10951	49.78
14	3871	131	624	4626	923	865	2606	1570	-249	-301	7683	558	8241	2538	10779	49.77
15	3883	126	626	4635	923	880	2594	1520	-249	-302	7656	558	8214	2548	10762	49.65
16	3823	124	623	4570	923	1034	2619	1414	-249	-300	7641	140	7781	2559	10340	49.74
17	3804	127	622	4553	925	996	2557	1791	-249	-299	7966	0	7966	2562	10528	49.69
18	3615	150	624	4389	924	757	2550	2295	-243	-242	8123	0	8123	2495	10618	49.80
19	3705	180	632	4517	924	796	2501	2439	-189	-181	8506	383	8889	2433	11322	49.78
20	3757	727	628	5112	922	762	2568	2712	-176	-165	9367	1285	10652	2417	13069	49.46
21	3728	965	625	5318	927	655	2598	2549	-176	-130	9343	1482	10825	2332	13157	49.45
22	3794	672	627	5093	929	559	2598	2633	-176	-129	9109	1409	10518	2181	12699	49.48
23	3703	662	626	4991	931	579	2573	2568	-117	-69	9025	1134	10159	1988	12147	49.47
24	3646	380	636	4662	931	543	2459	2424	-100	-55	8530	848	9378	1840	11218	49.51
MUs	89.66	6.27	14.99	110.92	22.26	19.28	61.31	50.69	-3.28	-3.27	200.02	13.42	213.43	50.50	263.93	49.63

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/Jul/2009

Position as on 6.30 Hrs of 18/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
Koyna ST - IV 4	250	10/07/2009	06.09	17/07/2009	19.00	Maintenance work.	
Parli Unit 3	210	10/07/2009	13.43		Continued.	P.A. Fan Tripped.	18/07/2009
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	16/08/2009
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.	18/07/2009
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		Continued.	Boiler Tube Leakage	18/07/2009
Nasik Unit 2	125	16/07/2009	13.25		Continued.	BLR T/L.	19/07/2009
Cent_Sect NTPC(V-4)	210	17/07/2009	15.21		Continued.	BLR T/L.	
Khaparkheda Unit 3	210	17/07/2009	16.54	17/07/2009	19.00	Furnace Pressure high.	

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

Position as on 6.30 Hrs of 18/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
Kolhapur-Mapusa Ckt I	15/07/2009	00:10	17/07/2009	10.50	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		Continued.	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
Padgha-Tarapur CKT.II	18/07/2009	05.11		Continued.	D.T.Fail
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
C'pur-Parli II	10/07/2009	14.50	17/07/2009	15.41	Main Breaker Prob,Line on TBC at Parli
Koradi-Chandrapur	13/07/2009	22.37		Continued.	Main Breaker prob.Line on TBC at C'Pur
Karad-Lonikhand	16/07/2009	09.55		Continued.	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.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	17/07/2009	13.29	17/07/2009	18.45	Main Breaker PDR problem
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Padgha-Wada	17/07/2009	09.39	17/07/2009	19.15	To attned Breaker Pole disciprancy.
Trombay-Mulund	17/07/2009	09.47	17/07/2009	12.31	Jumper Replacement.
Apta-Kalwa	17/07/2009	14.05	17/07/2009	16.12	To attend Hot Spot.
Aurangabad-Chitegaon-I	17/07/2009	15.00	17/07/2009	18.21	Trip CKT Faulty.
Bablsr-Ranjangaon	17/07/2009	15.33	17/07/2009	17.04	Fixing Earth Bond On L.A.
Apta-Taloja	17/07/2009	16.17	17/07/2009	19.16	To attend Hot Spot.
Bablsr 2-Bablsr 1 CKT II	17/07/2009	21.38	18/07/2009	00.14	To attend Hot Spot.
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		Continued.	Main breaker PDR prob. ICT on TBC
440/220 KV,315 MVA ICT-II AT BBLSR	18/07/2009	01.32		Continued.	H/T due to fire in cable joint
440/220 KV,315 MVA ICT-II AT BBLSR	18/07/2009	01:33		Continued.	Hand tripped H V side & L V side breakers due to Fire in cable.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Nagothane-Mahad	17/07/2009	09.05	17/07/2009	17.16	H/T to work on SPCL Line.
Apta-Nagothane	17/07/2009	09.20	17/07/2009	16.25	H/T to work on SPCL Line.

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

Position as on 6.30 Hrs of 18/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Nagothane-IPCL	17/07/2009	11.24	17/07/2009	15.21	H/T to work on SPCL Line.
BBLSR-RANJANGAON	18/07/2009	06.02		Continued.	To Control ICT Loading.
Voltage Level : 220KV			Outage Type TRIPPED		
N'Thane-SPCL	16/07/2009	16.56	17/07/2009	15.38	Y-Ph.Conductor Snapped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	70
Unit 3	105	0
Unit 4	105	0
Unit 5	200	110
Unit 6	210	120
Unit 7	210	120
	1040	480
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	150
Unit 3	210	140
Unit 4	210	125
Unit 5	500	430
Unit 6	500	250
Unit 7	500	0
	2340	1245
Paras		
Unit 2	55	40
Unit 3	250	150
	305	190
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	20
BHANDARDRA	45	0
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		
RGPPPL II	960	890
RGPPPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	115
Trombay 7B	60	0
Trombay 8	250	180
TATA Hydro	444	447
	2024	1742
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2595
	3143	2595