



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

State Load Dispatch Center, Airoli

Daily system Report

for

16/Jul/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 16/Jul/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	86.939	1638.890	1) Madhya Pradesh	40.000	728.245
2) Hydro	5.608	84.872	2) Gujrat	16.701	303.519
3) Gas	14.775	195.560	3) Goa	-5.538	-85.058
Total MSGENCO	107.322	1919.322	4) TAPS 1&2 (Inj.)	3.700	58.383
B) OTHERS			5) Pench (Excess)	-0.079	-2.271
1) RGPPL Gas	22.316	354.086	# Total Cent. Sector	54.784	1002.818
2) Wind Generation	20.798	214.932	F) Other Exchanges		
3) PENCH (MS)	0.079	2.271	1) With TPCL	-3.577	-78.196
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.024	446.134	1) MSEDCL Bilateral	0.615	45.580
2) TPCL Hydro	5.258	42.974	Include PX	0.000	1.086
TOTAL TPCL	33.282	489.108	2) MUMBAI Bilateral	3.763	70.383
3) REL Thermal	12.688	187.609	Include PX	1.551	27.829
D) STATE			3) MUMBAI Schedule	3.763	79.813
1) Thermal (A1+C1+C3)	127.651	2272.633	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	10.945	130.117	1) MSEDCL	201.722	3417.504
3) Gas (A3+B1)	37.091	549.646	2) TPCL	33.047	499.171
4) Wind (B2)	20.798	214.932	3) REL	16.500	255.751
TOTAL STATE	196.485	3167.328	TOTAL STATE	251.269	4172.426

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3611	3627	3758
MSGENCO Hydro	178	750	50
MSGENCO Gas	629	593	619
MSGENCO Total Generation	4418	4970	4427
Central Sector Receipt	2235	2842	1859
RGPPL	930	928	932
WIND	756	838	746
Exchange with TPCL	-287	-156	24
MSEDCL DEMAND MET	8052	9444	7988
Load Shedding	1318	2014	0
MSEDCL DEMAND (INCL. LS)	9370	11458	7988
TPCL GENERATION	1739	1697	879
REL GENERATION	529	529	531
TPCL+REL DEMAND	2555	2382	1386
STATE DEMAND MET	10607	11826	9374
STATE DEMAND (INCL. LS)	11925	13840	9374
Frequency (Hz)	49.74	49.56	50.09
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2133 MW At 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			12.05 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.32 Hz at 01:44 Hrs	48.96 Hz at 22:15 Hrs	49.74	.47 % 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 16/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.38	16.83	79	43	50
Unit 2	1.54	4.56	75	40	70
Unit 3	0.00	16.30	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	2.52	40.49	135	54	140
Unit 6	2.57	53.74	142	55	130
Unit 7	2.40	38.25	140	65	130
	10.42	170.17			520
Bhusawal					
Unit 1	0.74	15.92	39	22	30
Unit 2	3.01	53.42	150	100	150
Unit 3	3.40	60.04	159	120	150
	7.15	129.38			330
Parli					
Unit 1	0.50	7.74	22	20	20
Unit 2	0.57	9.07	25	23	20
Unit 3	0.00	32.00	0	0	0
Unit 4	3.58	56.54	165	106	150
Unit 5	3.91	61.91	172	143	160
Unit 6	0.00	0.00	0	0	0
	8.56	167.26			350
Chandrapur					
Unit 1	3.24	59.33	155	108	170
Unit 2	3.23	57.50	148	107	105
Unit 3	3.14	65.40	172	69	85
Unit 4	2.93	63.34	160	50	100
Unit 5	9.32	149.83	415	343	425
Unit 6	7.40	127.20	384	240	400
Unit 7	1.60	141.54	339	0	0
	30.86	664.13			1285
Paras					
Unit 2	0.95	14.25	42	32	40
Unit 3	4.63	72.13	215	163	200
	5.58	86.38			240
Khaparkheda					
Unit 1	3.46	66.22	175	85	160
Unit 2	3.62	61.87	162	137	160
Unit 3	3.80	67.33	163	154	160
Unit 4	3.80	66.95	172	144	160
	14.68	262.37			640
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	0.62	18.38	55	0	50
Unit 3	1.89	2.92	126	0	0
Unit 4	3.79	68.44	169	151	170
Unit 5	3.37	61.28	149	130	160
	9.68	159.19			380
Uran					
All Units	14.78	195.56	631	573	600
	14.78	195.56			600
Koyna					
Stage 1-2	1.33	22.68	210	30	600
Stage 4	0.40	17.67	250	0	250
Kovna 12&4 Total	1.73	40.34			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.19	19.25	320	0	320
	3.92	59.60			1170
Hydro					
KDPH	0.00	1.21	0	0	0
VTRNA	0.00	3.88	0	0	60
TILLARI	0.92	8.40	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.48	4.18	80	0	80
RNGR+BHTSA	0.24	3.49	10	10	10
BHANDARDRA	0.06	0.06	12	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.00	4.05	0	0	0
	1.69	25.28			210
PENCH (MS)					
Pench (MS)	0.08	2.27	22	0	
	0.08	2.27			
Wind					
MalharPeth	1.08	11.37			
Vankuswadi	1.88	24.59			
ATIT	0.45	5.61			
Kale	0.24	4.78			
Satara	0.92	15.84			
Shirala	0.56	9.34			
K Mahankal	0.14	4.78			
Supa	0.49	4.20			
Vita	5.52	55.86			
Dondaicha	6.05	46.57			
Sakri	0.99	7.24			
Nandurbar	0.40	5.59			
Khadakale	1.12	11.68			
Khaparale	0.94	7.49			
	20.80	214.93			
Dabhol					
RGPP L II	22.32	354.09	934	927	882
RGPP L III	0.00	0.00	0	0	
	22.32	354.09			882
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.04	172.28	505	370	500
Trombay 6	10.11	162.98	510	190	500
Trombay 7A	2.64	45.75	110	109	120
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	4.23	58.94	204	125	160
TATA Hydro	5.26	42.97	453	58	447
	33.28	489.11			1727
REL					
1&2	12.69	187.61	531	526	500
	12.69	187.61			500
Cent Sect					
Share					2493
					2493

MS PG CL	Thermal	86.94	1638.89		3745
	Thml+Gas	101.71	1834.45		4345
	Hydro	5.61	84.87		1380
	Total	107.32	1919.32		5725
State Total		196.48	3167.33		11327

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	3823	50	618	4491	932	952	2421	1702	8	18	8095	0	8095	1586	9681	50.11
2	3751	55	617	4423	932	896	2421	1801	8	26	8078	0	8078	1453	9531	50.15
3	3758	50	619	4427	932	746	2421	1859	8	24	7988	0	7988	1386	9374	50.09
4	3732	50	621	4403	934	780	2280	1893	8	32	8042	0	8042	1358	9400	50.07
5	3683	50	617	4350	934	821	2139	2140	8	28	8273	0	8273	1357	9630	49.94
6	3379	144	618	4141	931	763	2274	2275	8	23	8133	252	8385	1455	9840	49.64
7	3484	208	621	4313	930	843	2387	2480	4	30	8596	820	9416	1585	11001	49.65
8	3590	121	627	4338	932	806	2387	2617	4	25	8718	820	9538	1729	11267	49.87
9	3624	126	628	4378	929	799	2387	2270	4	25	8401	963	9364	2001	11365	49.89
10	3637	152	627	4416	930	764	2583	2335	-254	-284	8161	1091	9252	2370	11622	49.72
11	3611	178	629	4418	930	756	2583	2235	-254	-287	8052	1318	9370	2555	11925	49.74
12	3621	181	631	4433	929	720	2630	2335	-301	-332	8085	1046	9131	2621	11752	49.66
13	3604	108	627	4339	928	800	2724	2163	-396	-426	7804	865	8669	2560	11229	49.92
14	3544	105	619	4268	927	953	2640	2176	-311	-343	7981	456	8437	2491	10928	49.58
15	3676	141	621	4438	927	1046	2640	2169	-311	-340	8240	456	8696	2490	11186	49.62
16	3574	209	627	4410	927	1033	2668	2298	-340	-370	8298	456	8754	2518	11272	49.72
17	3581	274	630	4485	928	985	2677	2424	-349	-384	8438	456	8894	2498	11392	49.70
18	3585	278	622	4485	927	1013	2670	2472	-342	-324	8573	456	9029	2461	11490	49.81
19	3595	356	619	4570	928	867	2493	2604	-188	-157	8817	887	9704	2372	12076	49.68
20	3627	750	593	4970	928	838	2493	2842	-188	-156	9444	2014	11458	2382	13840	49.56
21	3593	892	596	5081	930	906	2493	2598	-188	-140	9397	2027	11424	2306	13730	49.38
22	3617	559	587	4763	930	921	2473	2399	-168	-122	8913	1957	10870	2145	13015	49.35
23	3621	388	588	4597	931	944	2502	2454	-127	-82	8852	1235	10087	1999	12086	49.50
24	3619	183	573	4375	930	813	2483	2243	-108	-61	8300	909	9209	1869	11078	49.46
MUs	86.93	5.61	14.78	107.31	22.32	20.76	59.87	54.78	-3.76	-3.58	201.68	18.48	220.16	49.55	269.71	49.74

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 16/Jul/2009

Position as on 6.30 Hrs of 17/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		Continued.	Maintenance work.	18/07/2009
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	
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	25/07/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
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 3	210	15/07/2009	13:09	16/07/2009	07.10	Super Heater Tube Leakage.	
Nasik Unit 5	210	16/07/2009	06.45	16/07/2009	08.30	Main Steam Temp.Low	
Nasik Unit 2	125	16/07/2009	13.25		Continued.	BLR T/L.	19/07/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jul/2009

Position as on 6.30 Hrs of 17/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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		Continued.	H/T for O/V.
DHULE-SAR'SAROVAR-I	15/07/2009	23:13	16/07/2009	09.30	H/T for O/V.
Dhule-Sar'Sarovar II	16/07/2009	12.15	16/07/2009	14.05	H/T For O/V.
DHULE-SAR'SAROVAR-I	16/07/2009	12.15	16/07/2009	17.28	H/T For O/v.
Dhule-Sar'Sarovar II	16/07/2009	20.48		Continued.	H/T For O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-I	19/06/2009	16:13	16/07/2009	21.39	3 Tower Collopsed.
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collopsed.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
C'pur-Parli II	10/07/2009	14.50		Continued.	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.
Padgha-Nagothane-II	16/07/2009	09.59	16/07/2009	18.29	Line Maintaince 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)
Alephata-Kathapur	16/07/2009	10.05	16/07/2009	15.50	Q.M.Work
Bus Coupler at Khaparkheda	16/07/2009	11.57		Continued.	C.B.O/H Work.
Aurangabad-Chitegaon-I	16/07/2009	12.35	16/07/2009	15.33	Q.M.Work
Borivali-Tarapur	16/07/2009	15.58	16/07/2009	16.40	To Pass on Container.
Borivali-Boisar	16/07/2009	16.13	16/07/2009	16.30	To Pass on Container.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV,315 MVA ICT-II at Chandrapur	16/07/2009	10.40	16/07/2009	16.05	To attend Oil leakage of Y-Ph.
Koradi - Akola	16/07/2009	11.55	16/07/2009	14.35	E/W broken.
400/220KV 315 MVA ICT-I at padgha	16/07/2009	12.27	16/07/2009	16.17	Bucholz Testing Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 315 MVA ICT at Akola	09/07/2009	11.28	16/07/2009	12.01	LV CB H/T
400/220 KV 315 MVA ICT at Akola	16/07/2009	14.37		Continued.	LV CB H/T
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	16/07/2009	12.04	16/07/2009	12.08	CKT H/T To Load Akola ICT.
Aurangabad-Chitegaon-I	16/07/2009	17.00	16/07/2009	18.01	CKT H/T As Trip Ckt Faulty Indication Received at Chitegaon S/S.
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jul/2009

Position as on 6.30 Hrs of 17/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kalwa - Khargar	14/07/2009	19.00		Continued.	Main Breaker Prob.Ckt on TBC at Khargar
N'Thane-SPCL	16/07/2009	16.56		Continued.	Y-Ph.Conductor Snapped.
Apta-Nagothane	16/07/2009	16.56	16/07/2009	20.22	Tripped.
Nagothane-Mahad	16/07/2009	16.56	16/07/2009	20.17	Tripped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 17/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	50
Unit 2	105	60
Unit 3	105	0
Unit 4	105	0
Unit 5	200	110
Unit 6	210	110
Unit 7	210	110
	1040	440
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	170
Unit 2	210	150
Unit 3	210	180
Unit 4	210	150
Unit 5	500	375
Unit 6	500	400
Unit 7	500	0
	2340	1425
Paras		
Unit 2	55	40
Unit 3	250	200
	305	240
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	10
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	210
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	888
RGPL III	740	
	1700	888
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	2663
	3143	2663