



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Jul/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Jul/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.826	112.826	1) Madhya Pradesh	52.889	52.889
2) Hydro	7.799	7.799	2) Gujrat	23.133	23.133
3) Gas	15.355	15.355	3) Goa	-5.268	-5.268
Total MSGENCO	135.980	135.980	4) TAPS 1&2 (Inj.)	3.711	3.711
B) OTHERS			5) Pench (Excess)	-0.142	-0.142
1) RGPPL Gas	22.354	22.354	# Total Cent. Sector	74.323	74.323
2) Wind Generation	7.365	7.365	F) Other Exchanges		
3) PENCH (MS)	0.142	0.142	1) With TPCL	-7.172	-7.172
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.989	28.989	1) MSEDCL Bilateral	4.789	4.789
2) TPCL Hydro	3.789	3.789	Include PX	0.000	0.000
TOTAL TPCL	32.778	32.778	2) MUMBAI Bilateral	5.474	5.474
3) REL Thermal	10.536	10.536	Include PX	3.761	3.761
D) STATE			3) MUMBAI Schedule	8.386	8.386
1) Thermal (A1+C1+C3)	152.351	152.351	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.730	11.730	1) MSEDCL	232.992	233.134
3) Gas (A3+B1)	37.709	37.709	2) TPCL	33.613	33.613
4) Wind (B2)	7.365	7.365	3) REL	16.873	16.873
TOTAL STATE	209.155	209.155	TOTAL STATE	283.478	283.620

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	4820	4739	4544
MSGENCO Hydro	370	614	50
MSGENCO Gas	646	650	597
MSGENCO Total Generation	5836	6003	5191
Central Sector Receipt	3208	3232	3015
RGPPL	932	931	930
WIND	167	621	205
Exchange with TPCL	-364	-488	49
MSEDCL DEMAND MET	9779	10317	9390
Load Shedding	2471	2727	935
MSEDCL DEMAND (INCL. LS)	12250	13044	10325
TPCL GENERATION	1670	1596	1080
REL GENERATION	523	260	529
TPCL+REL DEMAND	2557	2344	1560
STATE DEMAND MET	12336	12661	10950
STATE DEMAND (INCL. LS)	14807	15388	11885
Frequency (Hz)	49.62	49.48	50.10
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2919 MW at 20.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			54.42 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.41 Hz at 04:04 Hrs	48.98 Hz at 22:10 Hrs	49.76	.03 % 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 01/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.91	1.91	89	69	80
Unit 2	0.00	0.00	0	0	0
Unit 3	1.79	1.79	85	70	70
Unit 4	0.00	0.00	0	0	0
Unit 5	3.08	3.08	148	100	120
Unit 6	3.24	3.24	159	112	120
Unit 7	3.16	3.16	150	112	120
	13.18	13.18			510
Bhusawal					
Unit 1	1.13	1.13	52	39	40
Unit 2	3.88	3.88	172	146	160
Unit 3	4.20	4.20	185	169	175
	9.21	9.21			375
Parli					
Unit 1	0.47	0.47	20	19	20
Unit 2	0.57	0.57	26	20	20
Unit 3	3.31	3.31	153	126	150
Unit 4	3.60	3.60	158	141	150
Unit 5	3.64	3.64	158	143	150
Unit 6	0.00	0.00	0	0	0
	11.59	11.59			490
Chandrapur					
Unit 1	2.82	2.82	171	0	75
Unit 2	3.72	3.72	158	152	160
Unit 3	4.30	4.30	197	151	190
Unit 4	4.26	4.26	199	131	200
Unit 5	10.30	10.30	458	386	450
Unit 6	9.82	9.82	430	355	425
Unit 7	10.21	10.21	436	400	425
	45.44	45.44			1925
Paras					
Unit 2	0.93	0.93	42	35	35
Unit 3	4.46	4.46	204	172	165
	5.39	5.39			200
Khaparkheda					
Unit 1	4.18	4.18	182	166	175
Unit 2	4.17	4.17	183	164	175
Unit 3	4.28	4.28	186	162	175
Unit 4	4.23	4.23	185	169	175
	16.87	16.87			700
Nasik					
Unit 1	2.15	2.15	99	82	90
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	4.70	4.70	200	189	200
Unit 5	4.29	4.29	187	164	185
	11.14	11.14			475
Uran					
All Units	15.36	15.36	660	597	620
	15.36	15.36			620
Koyna					
Stage 1-2	1.59	1.59	160	35	600
Stage 4	3.69	3.69	689	0	250
Kovna 12&4 Total	5.28	5.28			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.19	1.19	210	0	320
	6.47	6.47			1170
Hydro					
KDPH	0.24	0.24	15	0	0
VTRNA	0.49	0.49	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.21	0.21	42	0	41
RNGR+BHTSA	0.24	0.24	10	10	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.15	0.15	120	0	0
	1.33	1.33			112
PENCH (MS)					
Pench (MS)	0.14	0.14	23	0	0
	0.14	0.14			0
Wind					
MalharPeth	0.32	0.32			
Vankuswadi	0.84	0.84			
ATIT	0.20	0.20			
Kale	0.07	0.07			
Satara	0.36	0.36			
Shirala	0.13	0.13			
K Mahankal	0.05	0.05			
Supa	0.21	0.21			
Vita	1.95	1.95			
Dondaicha	1.78	1.78			
Sakri	0.33	0.33			
Nandurbar	0.30	0.30			
Khadakale	0.58	0.58			
Khaparale	0.25	0.25			
	7.36	7.36			
Dabhol					
RGPP L II	22.35	22.35	936	918	890
RGPP L III	0.00	0.00	0	0	0
	22.35	22.35			890
Tata					
Trombay 4	0.04	0.04	43	0	0
Trombay 5	9.35	9.35	460	200	500
Trombay 6	12.09	12.09	510	440	500
Trombay 7A	2.99	2.99	128	110	120
Trombay 7B	1.62	1.62	68	58	60
Trombay 8	2.90	2.90	128	106	250
TATA Hydro	3.79	3.79	456	4	447
	32.78	32.78			1877
REL					
1&2	10.54	10.54	531	260	500
	10.54	10.54			500
Cent Sect					
Share					2687
					2687

MS PG CL	Thermal	112.83	112.83		4675
	Thml+Gas	128.18	128.18		5295
	Hydro	7.80	7.80		1282
	Total	135.98	135.98		6577
State Total		209.16	209.16		12531

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	4597	444	602	5643	936	270	2482	2881	21	50	9780	888	10668	1801	12469	49.68
2	4550	288	599	5437	936	268	2355	2932	21	51	9624	893	10517	1649	12166	49.82
3	4544	50	597	5191	930	205	2355	3015	21	49	9390	935	10325	1560	11885	50.10
4	4548	60	607	5215	932	203	2357	2981	21	51	9382	1115	10497	1484	11981	50.15
5	4606	65	627	5298	933	181	2358	3036	21	54	9502	1048	10550	1442	11992	50.14
6	4647	82	627	5356	933	188	2364	3432	21	53	9962	1139	11101	1436	12537	49.87
7	4744	111	660	5515	933	188	2449	3262	21	53	9951	1717	11668	1583	13251	50.17
8	4807	130	649	5586	933	138	2484	2998	21	52	9707	1786	11493	1732	13225	50.18
9	4839	131	658	5628	931	145	2549	2883	3	30	9617	1840	11457	1964	13421	50.04
10	4852	201	657	5710	932	159	2863	3073	-286	-316	9558	1965	11523	2340	13863	49.84
11	4820	370	646	5836	932	167	2952	3208	-332	-364	9779	2471	12250	2557	14807	49.62
12	4838	465	640	5943	930	212	2974	3006	-388	-419	9689	2381	12070	2660	14730	49.70
13	4771	325	632	5728	918	183	2987	3079	-628	-448	9483	2529	12012	2608	14620	49.64
14	4706	398	644	5748	931	222	3131	3157	-811	-595	9486	2404	11890	2529	14419	49.58
15	4630	373	651	5654	932	271	3178	3242	-858	-642	9478	2464	11942	2561	14503	49.65
16	4692	104	646	5442	929	337	3176	3296	-858	-641	9363	2522	11885	2480	14365	49.42
17	4725	136	655	5516	933	386	3178	3192	-860	-866	9161	2866	12027	2499	14526	49.81
18	4695	88	653	5436	929	551	3019	3027	-702	-675	9268	2884	12152	2398	14550	49.54
19	4717	300	660	5677	931	699	2921	3171	-525	-497	9981	2376	12357	2366	14723	49.82
20	4739	614	650	6003	931	621	2873	3232	-516	-488	10317	2727	13044	2344	15388	49.48
21	4739	926	649	6314	931	585	2818	3102	-459	-428	10527	2422	12949	2320	15269	49.43
22	4709	1029	648	6386	931	431	2729	2801	-369	-341	10225	2291	12516	2170	14686	49.34
23	4666	681	650	5997	933	356	2903	3095	-502	-466	9915	1611	11526	2062	13588	49.56
24	4645	428	648	5721	934	386	2982	3222	-459	-429	9834	1162	10996	1941	12937	49.64
MUs	112.83	7.80	15.36	135.98	22.35	7.35	66.44	74.32	-8.39	-7.17	232.98	46.44	279.42	50.49	329.90	49.76

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 01/Jul/2009

Position as on 6.30 Hrs of 02/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
Cent_Sect NTPC(K-3)	210	01/06/2009	00.00		Continued.	Annual Overhaul	06/07/2009
Parli Unit 6	250	03/06/2009	06.35		Continued.	Annual Overhaul	20/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Capital overhaul	18/07/2009
Cent_Sect Tarapur 2	80	16/06/2009	22:10		Continued.	Refueling Outage.	30/07/2009
Cent_Sect TARAPUR-4	540	28/06/2009	06.00		Continued.	Deficiencies.	04/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	03/07/2009
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	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	03/07/2009
Koradi Unit 2	105	07/06/2009	08:19	02/07/2009	01.22	ID Fan Problem	
Uran Unit 3	60	20/06/2009	11.15		Continued.	Gas Restriction	
Nasik Unit 2	125	25/06/2009	04:10		Continued.	Fire in Wind Box.	03/07/2009
Koradi Unit 4	115	28/06/2009	14.18		Continued.	Coal Bunkering problem.	07/07/2009
Chandrapur Unit 1	210	30/06/2009	07.00	01/07/2009	03.38	Gen.Protection	
Cent_Sect NTPC(K-4)	500	30/06/2009	13.06	01/07/2009	07.21	Boiler Tube Leakage	
Cent_Sect NTPC(K-6)	500	01/07/2009	00.14	01/07/2009	05.14	Turbine Trip.	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
REL 2	250	01/07/2009	16.25		Continued.	Boiler Tube Leakage	03/07/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jul/2009

Position as on 6.30 Hrs of 02/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		
220 KV Taps Zone -I.	23/06/2009	13:44		Continued.	Gantry Replacement Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Seoni - Wardha	29/06/2009	05.39	01/07/2009	05.38	Hand Tripped
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-I	19/06/2009	16:13		Continued.	3 Tower Colloped.
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Colloped.
Wardha - Akola - I	26/06/2009	19.05	01/07/2009	12.23	TRIPPED ON O/V
WARDHA-AKOLA-II	29/06/2009	03.13	01/07/2009	06.32	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Ponda	02/07/2009	00.50		Continued.	Tripped on Dist.Prot. B phase
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Breaker of C'Pur-Parli at Parli end	12/06/2009	10.56		Continued.	To attend hot spot on Bus Isolator,Line on TBC
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
C'pur-Sicom-II	29/06/2009	12:12		Continued.	Retrofitting work.
Wardha--Dhamangaon	30/06/2009	11.05	01/07/2009	18.17	Retrofitting work
Uran-Kharghar-II	01/07/2009	09.05	01/07/2009	21.40	CT replacement
Ambazari-Amravati	01/07/2009	11.30	01/07/2009	13.17	Q.M. WORK
220/100kv,125MVA ICT-II at Borivali	01/07/2009	14.03	01/07/2009	16.10	To attend hot spot on CT clamp
Kolhapur - Karad - II	01/07/2009	14.13	01/07/2009	19.35	LILO work at 220KV Tembhu s/s
Wardha-Badnera	01/07/2009	18.42		Continued.	Retrofitting work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Madgi CKT.II	18/06/2009	13.40		Continued.	Breaker Replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
BBLSR-BHUSAWAL	29/06/2009	22:10	01/07/2009	05.05	H/T to control Koradi-Bhusawal loading
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Amravati	01/07/2009	15.58	01/07/2009	17.39	H/T to control 400KV Akola-Bhusawal line loading
Voltage Level : 400KV			Outage Type TRIPPED		
Akola-Bhusawal	29/06/2009	21:58	01/07/2009	05.01	Distance Protection
Akola - Wardha - II	01/07/2009	09.12		Continued.	Tripped on Dist.Prot. Y phase
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Wathar	01/07/2009	03.05	01/07/2009	12.38	Tripped on Dist.Prot. B phase
Jejuri - Baramati	01/07/2009	05.30	01/07/2009	06.08	Tripped on Distance protection
Voltage Level : 132KV			Outage Type TRIPPED		
Paras-Akot	23/06/2009	16:45		Continued.	1 Tower Colloped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	60
Unit 3	105	70
Unit 4	105	0
Unit 5	200	150
Unit 6	210	150
Unit 7	210	150
	1040	660
Bhusawal		
Unit 1	58	40
Unit 2	210	160
Unit 3	210	175
	478	375
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	150
Unit 6	250	0
	940	490
Chandrapur		
Unit 1	210	165
Unit 2	210	155
Unit 3	210	210
Unit 4	210	175
Unit 5	500	440
Unit 6	500	440
Unit 7	500	460
	2340	2045
Paras		
Unit 2	55	35
Unit 3	250	165
	305	200
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	90
Unit 2	120	0
Unit 3	210	0
Unit 4	210	200
Unit 5	210	185
	870	475
Uran		
All Units	852	575
	852	575
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	18
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	128
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	866
RGPL III	740	
	1700	866
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	100
TATA Hydro	444	447
	2024	1727
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	2998
	3143	2998

	17616	12659
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