



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Jul/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Jul/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.247	228.073	1) Madhya Pradesh	54.540	107.429
2) Hydro	6.167	13.966	2) Gujrat	16.110	39.243
3) Gas	11.740	27.095	3) Goa	-4.707	-9.975
Total MSGENCO	133.154	269.134	4) TAPS 1&2 (Inj.)	3.719	7.430
B) OTHERS			5) Pench (Excess)	-0.202	-0.344
1) RGPPL Gas	22.390	44.744	# Total Cent. Sector	69.460	143.783
2) Wind Generation	11.361	18.726	F) Other Exchanges		
3) PENCH (MS)	0.202	0.344	1) With TPCL	-10.957	-18.129
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.242	58.231	1) MSEDCL Bilateral	4.770	9.558
2) TPCL Hydro	2.528	6.317	Include PX	0.000	0.000
TOTAL TPCL	31.770	64.548	2) MUMBAI Bilateral	8.015	13.489
3) REL Thermal	6.315	16.851	Include PX	2.509	6.270
D) STATE			3) MUMBAI Schedule	10.690	19.077
1) Thermal (A1+C1+C3)	150.804	303.155	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	8.897	20.627	1) MSEDCL	225.610	458.946
3) Gas (A3+B1)	34.130	71.839	2) TPCL	32.633	66.246
4) Wind (B2)	11.361	18.726	3) REL	16.406	33.279
TOTAL STATE	205.192	414.347	TOTAL STATE	274.649	558.471

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	4861	4892	4765
MSGENCO Hydro	437	322	66
MSGENCO Gas	652	441	660
MSGENCO Total Generation	5950	5655	5491
Central Sector Receipt	2834	2920	2811
RGPPL	933	930	934
WIND	460	844	335
Exchange with TPCL	-747	-472	-175
MSEDCL DEMAND MET	9430	9900	9396
Load Shedding	2508	2968	0
MSEDCL DEMAND (INCL. LS)	11938	12868	9396
TPCL GENERATION	1482	1590	978
REL GENERATION	261	255	266
TPCL+REL DEMAND	2490	2317	1419
STATE DEMAND MET	11920	12217	10815
STATE DEMAND (INCL. LS)	14428	15185	10815
Frequency (Hz)	49.68	49.52	50.23
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2557 Mw at 22.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			39.91 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.42 Hz at 03.00 Hrs	48.89 Hz at 21.19 Hrs	49.77	.51 % 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 02/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.90	3.81	82	73	80
Unit 2	1.14	1.14	69	0	60
Unit 3	1.69	3.49	79	61	70
Unit 4	0.00	0.00	0	0	0
Unit 5	3.52	6.60	163	116	150
Unit 6	3.62	6.86	166	134	150
Unit 7	3.56	6.72	158	126	150
	15.42	28.60			660
Bhusawal					
Unit 1	1.09	2.22	49	37	40
Unit 2	3.64	7.52	162	135	160
Unit 3	4.08	8.28	178	165	175
	8.81	18.02			375
Parli					
Unit 1	0.47	0.94	21	18	20
Unit 2	0.57	1.14	25	23	20
Unit 3	3.38	6.70	151	131	150
Unit 4	3.62	7.22	165	142	150
Unit 5	3.71	7.35	163	149	150
Unit 6		0.00	0	0	0
	11.76	23.35			490
Chandrapur					
Unit 1	4.00	6.82	172	155	165
Unit 2	3.75	7.47	160	150	155
Unit 3	4.35	8.65	197	168	210
Unit 4	4.35	8.61	201	157	175
Unit 5	10.14	20.44	453	380	440
Unit 6	9.64	19.46	425	380	440
Unit 7	10.26	20.47	440	404	460
	46.49	91.93			2045
Paras					
Unit 2	0.91	1.84	41	35	35
Unit 3	4.11	8.57	185	161	165
	5.02	10.41			200
Khaparkheda					
Unit 1	4.25	8.44	192	159	175
Unit 2	4.18	8.35	182	160	175
Unit 3	4.30	8.58	192	168	175
Unit 4	4.27	8.50	184	168	175
	17.00	33.87			700
Nasik					
Unit 1	1.87	4.02	86	65	90
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	4.67	9.37	205	190	200
Unit 5	4.20	8.49	182	166	185
	10.74	21.88			475
Uran					
All Units	11.74	27.10	660	1	575
	11.74	27.10			575
Koyna					
Stage 1-2	1.64	3.22	340	30	600
Stage 4	1.73	5.42	260	0	250
Koyna 12&4 Total	3.36	8.64			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.94	2.13	218	0	320
	4.31	10.77			1170
Hydro					
KDPH	0.46	0.70	28	15	18
VTRNA	0.45	0.94	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.23	0.44	41	0	40
RNGR+BHTSA	0.24	0.48	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	0.48	0.63	125	0	0
	1.86	3.19			128
PENCH (MS)					
Pench (MS)	0.20	0.34	24	0	
	0.20	0.34			
Wind					
MalharPeth	0.65	0.97			
Vankuswadi	1.40	2.24			
ATIT	0.36	0.56			
Kale	0.12	0.18			
Satara	1.08	1.44			
Shirala	0.44	0.57			
K Mahankal	0.10	0.16			
Supa	0.27	0.47			
Vita	3.02	4.97			
Dondaicha	1.96	3.74			
Sakri	0.40	0.73			
Nandurbar	0.34	0.64			
Khadakale	0.80	1.38			
Khaparale	0.42	0.67			
	11.36	18.73			
Dabhol					
RGPP L II	22.39	44.74	936	929	866
RGPP L III	0.00	0.00	0	0	
	22.39	44.74			866
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	9.67	19.02	500	190	500
Trombay 6	12.02	24.10	510	430	500
Trombay 7A	2.95	5.94	128	117	120
Trombay 7B	1.60	3.22	69	63	60
Trombay 8	3.00	5.90	131	97	100
TATA Hydro	2.53	6.32	311	4	447
	31.77	64.55			1727
REL					
1&2	6.32	16.85	266	255	250
	6.32	16.85			250
Cent Sect					
Share					2998
					2998

MS PG CL	Thermal	115.25	228.07		4945
	Thml+Gas	126.99	255.17		5520
	Hydro	6.17	13.97		1298
	Total	133.15	269.13		6818
State Total		205.19	414.35		12659

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	4544	191	651	5386	934	361	2605	2910	-135	-149	9442	797	10239	1660	11899	49.65
2	4573	66	654	5293	934	327	2554	2837	-10	-33	9358	797	10155	1559	11714	49.88
3	4680	66	660	5406	934	326	2730	2839	-187	-160	9345	588	9933	1565	11498	50.17
4	4765	66	660	5491	934	335	2731	2811	-187	-175	9396	0	9396	1419	10815	50.23
5	4804	66	656	5526	935	380	2731	2861	-187	-179	9523	0	9523	1390	10913	50.07
6	4888	56	650	5594	935	422	2648	3076	-75	-157	9870	365	10235	1434	11669	49.88
7	4905	86	652	5643	934	397	2706	2836	-130	-154	9656	1311	10967	1559	12526	49.99
8	4898	127	654	5679	936	424	2677	2659	-106	-131	9567	1383	10950	1722	12672	49.98
9	4894	122	652	5668	933	330	2746	2755	-327	-288	9398	1654	11052	1969	13021	49.80
10	4911	167	657	5735	936	331	2958	3064	-596	-634	9432	2380	11812	2297	14109	49.95
11	4861	437	652	5950	933	460	3056	2834	-704	-747	9430	2508	11938	2490	14428	49.68
12	4888	436	648	5972	931	410	3037	2731	-704	-753	9311	2307	11618	2527	14145	49.74
13	4892	251	640	5783	929	398	3167	2768	-799	-835	9066	2318	11384	2513	13897	49.70
14	4881	132	637	5650	933	508	3142	2715	-752	-795	9034	2268	11302	2406	13708	49.78
15	4834	544	2	5380	930	408	3193	2876	-799	-840	8778	2375	11153	2415	13568	49.56
16	4786	491	1	5278	931	374	3191	3013	-799	-845	8770	2301	11071	2457	13528	49.74
17	4747	386	34	5167	933	493	3219	3184	-799	-838	8939	2383	11322	2401	13723	49.76
18	4787	236	140	5163	933	576	3138	3106	-718	-693	9085	2388	11473	2394	13867	49.84
19	4834	274	269	5377	930	775	2875	2931	-519	-500	9519	2412	11931	2292	14223	49.74
20	4892	322	441	5655	930	844	2861	2920	-500	-472	9900	2968	12868	2317	15185	49.52
21	4866	397	509	5772	934	840	2827	2869	-443	-406	10033	2721	12754	2251	15005	49.47
22	4804	169	439	5412	932	718	2751	2893	-354	-317	9661	2614	12275	2111	14386	49.50
23	4679	621	414	5714	933	520	2911	2915	-507	-469	9630	1628	11258	2021	13279	49.34
24	4634	458	368	5460	933	405	2910	3057	-351	-387	9468	1160	10628	1873	12501	49.54
MUs	115.25	6.17	11.74	133.15	22.39	11.36	69.36	69.46	-10.69	-10.96	225.61	41.63	267.24	49.04	316.28	49.77

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 02/Jul/2009

Position as on 6.30 Hrs of 03/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
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
Cent_Sect KARPR2	220	02/07/2009	00.30		Continued.	Reactor Problem.	06/07/2009
Uran Unit 6	108	02/07/2009	14.02	02/07/2009	18.13	Gasket Problem in Pipeline.	
Uran Unit 5	108	02/07/2009	14.03	02/07/2009	18.33	Gasket Problem in Pipeline.	
Uran Unit 7	108	02/07/2009	14.03	02/07/2009	16.23	Gasket Problem in Pipeline.	
Uran Unit A0	120	02/07/2009	14.03	02/07/2009	19.58	Gasket Problem in Pipeline.	
Uran Unit 8	108	02/07/2009	14.06	02/07/2009	19.28	Gasket Problem in Pipeline.	
Uran Unit B0	120	02/07/2009	14.06	02/07/2009	17.33	Gasket Problem in Pipeline.	
Cent_Sect TARAPUR-3	540	02/07/2009	18.06		Continued.	protection Problem.	
Koradi Unit 2	105	02/07/2009	21.51		Continued.	ID Fan Problem	
Koradi Unit 1	105	03/07/2009	03.36		Continued.	Boiler Tube Leakage	06/07/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2009

Position as on 6.30 Hrs of 03/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 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.
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
400/220KV 500MVA ICT @ JEJURI	02/07/2009	06.56	02/07/2009	08.28	PRV.Micro Switch Replacement
400/220KV ICT-I at Lonikand	02/07/2009	09.10	02/07/2009	17.20	CTR Relay Work.
Karad-Lonikhand	02/07/2009	10.03	02/07/2009	18.37	Stringing For Shunt Reactor
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-Badnera	01/07/2009	18.42		Continued.	Retrofitting work
Jejuri - Baramati	02/07/2009	09.28	02/07/2009	11.36	Insulator Replacement
Kaparkheda-Kalmeshwar	02/07/2009	10.29	02/07/2009	16.52	C.T.Replacement
Jejury - Lonand	02/07/2009	11.40	02/07/2009	14.00	Retrofitting work.
Karad-Wathar	02/07/2009	11.48		Continued.	Errection Of Isolator.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Madgi CKT.II	18/06/2009	13.40		Continued.	Breaker Replacement
Parbhani-Jintur	02/07/2009	09.25	02/07/2009	12.24	Q.M. WORK
Nanded - Elichpur	02/07/2009	10.50	02/07/2009	19.00	C.T.Replacement
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Chinchwad-Parvati	02/07/2009	10.50	02/07/2009	14.38	To attend hot spot
Voltage Level : 132KV			Outage Type HAND TRIPPED		
KHAMGAON-WARWAT BAKAL CKT	02/07/2009	13.04	02/07/2009	21.40	B-PH Coupling Condenser Caught fire.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	Tripped on Dist.Prot. Y phase
Voltage Level : 220KV			Outage Type TRIPPED		
Chandrapur-Sicom	02/07/2009	21.35	02/07/2009	21.46	NIT Swith Malfunction.
Voltage Level : 132KV			Outage Type TRIPPED		
Paras-Akot	23/06/2009	16:45		Continued.	1 Tower Colloped.
Muktainagar-Bodwad	02/07/2009	09.25	02/07/2009	17.57	Tripped on PDR.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	50
Unit 4	105	0
Unit 5	200	130
Unit 6	210	140
Unit 7	210	140
	1040	460
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	170
Unit 2	210	155
Unit 3	210	190
Unit 4	210	200
Unit 5	500	450
Unit 6	500	440
Unit 7	500	400
	2340	2005
Paras		
Unit 2	55	35
Unit 3	250	180
	305	215
Khaparkheda		
Unit 1	210	175
Unit 2	210	160
Unit 3	210	175
Unit 4	210	175
	840	685
Nasik		
Unit 1	120	86
Unit 2	120	0
Unit 3	210	0
Unit 4	210	190
Unit 5	210	170
	870	446
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	36
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	10
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	146
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	120
TATA Hydro	444	447
	2024	1747
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	2940
	3143	2940

	17616	12395
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