



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/Mar/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.643	3446.471	1) Madhya Pradesh	75.339	1969.461
2) Hydro	7.626	366.868	2) Gujrat	17.014	547.232
3) Gas	14.542	378.364	3) Goa	-5.532	-174.852
Total MSGENCO	136.811	4191.703	4) TAPS 1&2 (Inj.)	7.323	200.430
B) OTHERS			5) Pench (Excess)	-0.033	-1.959
1) RGPPL Gas	15.095	374.201	# Total Cent. Sector	94.111	2540.312
2) Wind Generation	5.404	123.763	F) Other Exchanges		
3) PENCH (MS)	0.033	2.008	1) With TPCL	2.394	-60.740
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.691	826.604	1) MSEDCL Bilateral	12.245	262.577
2) TPCL Hydro	1.316	93.732	Include PX	0.929	48.213
TOTAL TPCL	27.007	920.336	2) MUMBAI Bilateral	-1.540	106.829
3) REL Thermal	12.733	367.688	Include PX	-1.089	16.068
D) STATE			3) MUMBAI Schedule	-1.540	109.979
1) Thermal (A1+C1+C3)	153.067	4640.763	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	8.975	462.608	1) MSEDCL	253.848	7173.255
3) Gas (A3+B1)	29.637	752.565	2) TPCL	22.113	895.032
4) Wind (B2)	5.404	123.763	3) REL	14.442	459.656
TOTAL STATE	197.083	5979.699	TOTAL STATE	290.403	8527.943

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4813	4969	4679
MSGENCO Hydro	205	654	150
MSGENCO Gas	613	626	625
MSGENCO Total Generation	5631	6249	5454
Central Sector Receipt	4001	4320	3776
RGPPL	628	627	630
WIND	208	269	266
Exchange with TPCL	240	-99	337
MSEDCL DEMAND MET	10708	11366	10463
Load Shedding	3474	3553	1092
MSEDCL DEMAND (INCL. LS)	14182	14919	11555
TPCL GENERATION	1147	1133	991
REL GENERATION	531	530	532
TPCL+REL DEMAND	1438	1762	1186
STATE DEMAND MET	12146	13128	11649
STATE DEMAND (INCL. LS)	15620	16681	12741
Frequency (Hz)	49.88	50.01	49.85
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4758 MW At 13.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			86.90 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.43 Hz at 08.04 Hrs	49.4 Hz at 22.37 Hrs	49.96	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 29/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	9.55	0	0	0
Unit 2	1.58	44.54	78	55	60
Unit 3	1.61	35.48	79	52	60
Unit 4	1.57	38.32	94	17	55
Unit 5	3.54	103.27	144	138	125
Unit 6	3.65	69.91	150	108	155
Unit 7	3.68	89.94	168	137	155
	15.62	391.00			610
Bhusawal					
Unit 1	0.63	21.23	29	21	25
Unit 2	4.32	127.53	192	154	190
Unit 3	4.42	133.08	194	169	190
	9.37	281.84			405
Parli					
Unit 1	0.54	15.58	23	20	20
Unit 2	0.61	17.01	26	24	20
Unit 3	3.09	82.27	149	101	145
Unit 4	3.68	72.34	158	145	145
Unit 5	3.66	91.46	158	146	150
Unit 6	0.00	147.16	0	0	0
	11.57	425.82			480
Chandrapur					
Unit 1	4.10	106.79	180	166	170
Unit 2	0.00	107.14	0	0	0
Unit 3	4.87	142.84	209	184	210
Unit 4	4.77	113.02	204	162	210
Unit 5	9.75	256.36	464	346	350
Unit 6	8.88	263.65	448	296	350
Unit 7	8.44	285.96	434	298	400
	40.82	1275.75			1690
Paras					
Unit 2	1.13	31.63	49	46	45
Unit 3	0.00	43.03	0	0	0
	1.13	74.66			45
Khaparkheda					
Unit 1	4.46	109.85	199	172	190
Unit 2	4.64	133.60	201	178	190
Unit 3	4.48	137.68	190	181	190
Unit 4	4.45	130.59	190	177	180
	18.03	511.73			750
Nasik					
Unit 1	2.28	46.05	102	92	95
Unit 2	1.83	55.83	96	66	90
Unit 3	4.61	124.98	204	72	190
Unit 4	4.68	131.87	200	186	190
Unit 5	4.70	126.95	204	178	200
	18.10	485.68			765
Uran					
All Units	14.54	378.36	658	458	600
	14.54	378.36			600
Koyna					
Stage 1-2	1.48	66.30	155	40	600
Stage 4	2.00	164.53	435	0	250
Koyna 12&4 Total	3.48	230.84			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.88	48.47	208	0	320
	4.36	279.30			1170
Hydro					
KDPH	0.92	13.20	39	38	36
VTRNA	0.00	7.59	0	0	0
TILLARI	0.49	12.84	61	0	60
BHTGR/VEER	1.08	25.76	46	45	40
BHIRA T.R.	0.17	4.14	78	0	80
RNGR+BHTSA	0.29	9.61	13	11	16
BHANDARDRA	0.00	6.42	0	0	0
ELDARY	0.00	1.14	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.32	6.86	125	0	0
	3.26	87.56			232
PENCH (MS)					
Pench (MS)	0.03	2.01	20	0	
	0.03	2.01			
Wind					
MalharPeth	0.15	4.31			
Vankuswadi	0.37	11.03			
ATIT	0.04	1.70			
Kale	0.13	3.75			
Satara	0.12	4.62			
Shirala	0.20	4.83			
K Mahankal	0.05	1.11			
Supa	0.26	4.24			
Vita	0.98	25.54			
Dondaicha	2.07	37.97			
Sakri	0.30	6.89			
Nandurbar	0.28	5.73			
Khadakale	0.44	10.36			
Khaparale	0.03	1.68			
	5.40	123.76			
Dabhol					
RGPP L II	15.10	374.20	636	623	600
RGPP L III	0.00	0.00	0	0	
	15.10	374.20			600
Tata					
Trombay 4	0.00	59.48	0	0	0
Trombay 5	11.80	351.11	505	450	500
Trombay 6	10.28	342.48	510	300	500
Trombay 7A	2.18	62.92	110	82	120
Trombay 7B	1.43	10.61	64	55	60
TATA Hydro	1.32	93.73	178	2	297
	27.01	920.34			1477
REL					
1&2	12.73	367.69	532	528	500
	12.73	367.69			500
Cent Sect					
Share					3627
					3627

MS PG CL	Thermal	114.64	3446.47		4745
	Thml+Gas	129.18	3824.84		5345
	Hydro	7.63	366.87		1402
	Total	136.81	4191.70		6747
State Total		197.08	5979.70		12951

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/Mar/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS													
1	4613	155	658	5426	631	298	3195	3667	-58	1	10023	1649	11672	1559	13231	49.83
2	4627	145	630	5402	632	381	3061	3494	60	-666	9243	1543	10786	2228	13014	49.98
3	4608	140	624	5372	631	379	3039	3559	60	126	10067	1315	11382	1385	12767	49.98
4	4679	150	625	5454	630	266	2828	3776	272	337	10463	1092	11555	1186	12741	49.85
5	4706	140	627	5473	632	222	2826	3818	272	337	10482	1684	12166	1226	13392	49.98
6	4687	282	583	5552	633	218	2941	3777	166	247	10427	2443	12870	1316	14186	49.84
7	4831	282	594	5707	636	257	2948	3494	164	238	10332	3334	13666	1310	14976	50.07
8	4862	135	627	5624	636	230	3157	3289	311	343	10122	3577	13699	1286	14985	50.07
9	4934	201	622	5757	632	273	3255	3465	208	264	10391	3503	13894	1423	15317	49.89
10	4813	205	613	5631	628	208	3273	4001	182	240	10708	3474	14182	1438	15620	49.88
11	4514	285	614	5413	626	213	3386	4076	157	215	10543	3299	13842	1542	15384	49.86
12	4720	272	609	5601	623	115	3457	4076	82	139	10554	3395	13949	1631	15580	49.75
13	4777	468	595	5840	625	118	3499	4368	32	90	11041	3362	14403	1611	16014	49.88
14	4793	442	603	5838	626	99	3500	4194	32	102	10859	3341	14200	1586	15786	50.14
15	4788	365	621	5774	625	145	3499	4091	32	91	10726	3236	13962	1632	15594	50.08
16	4771	286	588	5645	625	123	3508	4049	22	105	10547	3398	13945	1610	15555	50.07
17	4736	236	584	5556	623	201	3529	4268	50	112	10760	3118	13878	1564	15442	49.99
18	4806	204	593	5603	624	290	3556	4270	107	177	10974	2893	13867	1538	15405	49.99
19	4885	246	618	5749	626	290	3585	4117	105	186	10988	3144	14132	1515	15647	50.01
20	4969	654	626	6249	627	269	3634	4320	-197	-99	11366	3553	14919	1762	16681	50.01
21	4927	782	626	6335	630	215	3648	4389	-197	-133	11436	3080	14516	1773	16289	50.04
22	4878	766	627	6271	632	234	3570	4195	-194	-91	11241	3083	14324	1781	16105	50.01
23	4858	572	536	5966	631	234	3401	3976	-90	-5	10802	3063	13865	1772	15637	49.83
24	4808	213	458	5479	631	222	3261	4098	-39	38	10468	2558	13026	1672	14698	49.98
MUs	114.59	7.63	14.50	136.72	15.10	5.50	79.56	94.83	1.54	2.39	254.56	68.14	322.70	37.35	360.05	49.96

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 29/Mar/2009

Position as on 6.30 Hrs of 30/Mar/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
Paras Unit 3	250	10/03/2009	02.03		Continued.	PG Test	03/04/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 3	60	23/10/2008	06.40		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	30/03/2009
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Tata Trombay 4	150	26/03/2009	16.21		Continued.	W/dn	31/03/2009
Parli Unit 6	250	27/03/2009	01.57		Continued.	Boiler Tube Leakage	30/03/2009
Chandrapur Unit 2	210	28/03/2009	03:11		Continued.	Vacuum failed.	28/03/2009
Koradi Unit 1	105	28/03/2009	18.26	30/03/2009	05:05	B.F.Pump control valve problem	
Nasik Unit 2	125	30/03/2009	06.20		Continued.	Hand Tripped.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2009

Position as on 6.30 Hrs of 30/Mar/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		
DHULE-SAR'SAROVAR-I	28/03/2009	18:15		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Single Ph.105 MVA Spare ICT-II at Karad	02/03/2009	10:45		Continued.	Repl. of existing single phase ICT of 400KV ICT-I, B Ph. by Spare ICT-II
400/220KV,315 MVA ICT-III at Padgha	23/03/2009	09.57		Continued.	L.V.Main Brk.replacement,L.V.Side On TBC.
400/220 KV,105 MVA Spare ICT-I at Karad S/S.	24/03/2009	12.56		Continued.	Attending oil leakage from neutral bushing.
Dhule-Bblswr-II	29/03/2009	08:18	29/03/2009	23:34	CCT.Taken on TBC due to M.B. Problem.
New Koyna - StageIV - I	29/03/2009	10:27	29/03/2009	17:42	Testing Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT-II @ Kalmeshwar	25/03/2009	16.30		Continued.	Augmentation of 100MVA ICT by 200MVA ICT
Main Bus - II at New Parly S/Stn.	29/03/2009	08;30	29/03/2009	22:38	Outage For Connecting Jumpers
Trombay-Nerul	29/03/2009	10:56	29/03/2009	22:00	LILO works for new Sonkhar S/Stn.
Tifil-Trombay	29/03/2009	11:18	29/03/2009	19:30	LILO works for new Sonkhar S/Stn.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Dhule-Dondaicha-II	29/03/2009	20:22	29/03/2009	11:16	H/T for Isolator G.B. problem.
Voltage Level : 220KV			Outage Type TRIPPED		
Uran-Apta-II	26/03/2009	05.35	29/03/2009	17:55	Bus fault at Uran, Y phase P.T.Burst and C.T.damaged
220KV TBC BAY at Chandrapur.	28/03/2009	02:50		Continued.	B Phase CT Burst
Padgha-Wada	29/03/2009	08:59	29/03/2009	09:40	Tripped ,Dist.Prot.
Kolhapur-Karad-IV	29/03/2009	16:01	29/03/2009	16:15	Tripped ,Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Parbhani - Pathri	28/03/2009	22:10	29/03/2009	02:42	Y ph C.T. Faulty.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	20
Unit 2	105	60
Unit 3	105	70
Unit 4	105	70
Unit 5	200	160
Unit 6	210	160
Unit 7	210	150
	1040	690
Bhusawal		
Unit 1	58	25
Unit 2	210	190
Unit 3	210	190
	478	405
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	145
Unit 4	210	145
Unit 5	210	150
Unit 6	250	0
	940	480
Chandrapur		
Unit 1	210	170
Unit 2	210	0
Unit 3	210	210
Unit 4	210	205
Unit 5	500	450
Unit 6	500	450
Unit 7	500	300
	2340	1785
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	180
Unit 4	210	185
	840	725
Nasik		
Unit 1	120	95
Unit 2	120	90
Unit 3	210	190
Unit 4	210	190
Unit 5	210	200
	870	765
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	0
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	20
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	236
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	740	600
RGPL III	740	
	1480	600
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	66
TATA Hydro	444	294
	1774	1480
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3816
	3143	3816

	17146	13297
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