



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Mar/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.056	2985.150	1) Madhya Pradesh	77.070	1674.134
2) Hydro	6.602	338.872	2) Gujrat	25.569	472.236
3) Gas	14.058	320.525	3) Goa	-6.489	-149.989
Total MSGENCO	138.716	3644.547	4) TAPS 1&2 (Inj.)	7.336	171.132
B) OTHERS			5) Pench (Excess)	0.000	-1.821
1) RGPPL Gas	14.990	313.914	# Total Cent. Sector	103.486	2165.692
2) Wind Generation	4.662	101.764	F) Other Exchanges		
3) PENCH (MS)	0.000	1.821	1) With TPCL	-4.256	-57.525
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.525	723.344	1) MSEDCL Bilateral	11.372	217.905
2) TPCL Hydro	4.720	82.005	Include PX	2.762	43.359
TOTAL TPCL	32.245	805.349	2) MUMBAI Bilateral	6.590	95.673
3) REL Thermal	12.650	316.811	Include PX	1.468	15.768
D) STATE			3) MUMBAI Schedule	6.590	98.823
1) Thermal (A1+C1+C3)	158.231	4025.305	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.322	422.698	1) MSEDCL	257.598	6172.034
3) Gas (A3+B1)	29.048	634.439	2) TPCL	32.458	797.154
4) Wind (B2)	4.662	101.764	3) REL	16.890	396.536
TOTAL STATE	203.263	5184.206	TOTAL STATE	306.946	7365.724

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	4909	4877	5146
MSGENCO Hydro	243	390	97
MSGENCO Gas	578	629	610
MSGENCO Total Generation	5730	5896	5853
Central Sector Receipt	4532	4809	3257
RGPPL	621	622	630
WIND	101	240	251
Exchange with TPCL	-526	-379	173
MSEDCL DEMAND MET	10458	11188	10164
Load Shedding	2764	3718	0
MSEDCL DEMAND (INCL. LS)	13222	14906	10164
TPCL GENERATION	1446	1504	1133
REL GENERATION	522	522	531
TPCL+REL DEMAND	2494	2405	1491
STATE DEMAND MET	12952	13593	11655
STATE DEMAND (INCL. LS)	15716	17311	11655
Frequency (Hz)	49.91	49.74	50.04
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4074 MW At 16.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			70.81 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.47 Hz at 13.01 Hrs	49.28 Hz at 21.22 Hrs	49.89	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 25/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.84	8.91	67	0	50
Unit 2	1.00	40.49	76	0	75
Unit 3	1.22	28.74	66	27	55
Unit 4	1.23	31.82	78	29	40
Unit 5	3.29	89.40	175	104	110
Unit 6	1.64	64.31	147	0	110
Unit 7	3.38	75.88	176	100	120
	12.61	339.55			560
Bhusawal					
Unit 1	0.64	18.74	28	25	25
Unit 2	4.07	110.10	190	140	190
Unit 3	4.48	114.97	200	180	195
	9.20	243.81			410
Parli					
Unit 1	0.55	13.34	24	22	20
Unit 2	0.60	14.61	26	24	20
Unit 3	3.56	68.97	157	131	150
Unit 4	3.64	57.80	164	135	145
Unit 5	3.74	76.80	168	149	150
Unit 6	5.66	141.40	250	228	240
	17.75	372.92			725
Chandrapur					
Unit 1	4.09	92.58	177	166	170
Unit 2	3.83	98.88	162	157	155
Unit 3	4.76	123.42	213	158	210
Unit 4	4.87	94.48	210	199	200
Unit 5	10.01	216.44	446	381	400
Unit 6	10.02	224.86	433	395	450
Unit 7	10.26	249.53	452	408	410
	47.84	1100.19			1995
Paras					
Unit 2	1.12	27.11	50	38	45
Unit 3	0.00	43.03	0	0	0
	1.12	70.14			45
Khaparkheda					
Unit 1	4.79	91.42	206	190	200
Unit 2	4.39	116.15	198	163	200
Unit 3	4.38	122.37	211	160	200
Unit 4	4.27	112.56	198	154	200
	17.84	442.51			800
Nasik					
Unit 1	0.00	39.08	0	0	0
Unit 2	1.58	48.22	74	46	75
Unit 3	1.10	107.12	179	0	180
Unit 4	4.60	113.30	201	181	180
Unit 5	4.42	108.32	194	175	180
	11.70	416.04			615
Uran					
All Units	14.06	320.52	664	448	500
	14.06	320.52			500
Koyna					
Stage 1-2	1.31	59.38	295	30	600
Stage 4	2.63	157.12	453	0	250
Kovna 12&4 Total	3.94	216.50			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.41	45.03	80	0	320
	4.35	261.53			1170
Hydro					
KDPH	0.00	11.91	0	0	0
VTRNA	0.00	7.59	0	0	0
TILLARI	0.45	10.89	60	0	60
BHTGR/VEER	0.98	21.80	41	41	40
BHIRA T.R.	0.17	3.42	77	0	80
RNGR+BHTSA	0.39	8.22	17	16	15
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	0.25	5.95	120	0	0
	2.25	77.34			195
PENCH (MS)					
Pench (MS)	0.00	1.82	0	0	
	0.00	1.82			
Wind					
MalharPeth	0.11	3.62			
Vankuswadi	0.29	9.22			
ATIT	0.05	1.55			
Kale	0.13	3.12			
Satara	0.13	3.86			
Shirala	0.09	3.98			
K Mahankal	0.03	0.91			
Supa	0.14	3.48			
Vita	0.36	21.54			
Dondaicha	2.18	30.49			
Sakri	0.38	5.44			
Nandurbar	0.35	4.44			
Khadakale	0.36	8.78			
Khaparale	0.05	1.33			
	4.66	101.76			
Dabhol					
RGPP L II	14.99	313.91	631	618	600
RGPP L III		0.00			
	14.99	313.91			600
Tata					
Trombay 4	1.36	58.67	104	41	100
Trombay 5	12.10	302.96	505	505	500
Trombay 6	12.24	303.72	510	510	500
Trombay 7A	1.80	53.29	90	73	50
Trombay 7B	0.02	4.70	25	0	0
TATA Hydro	4.72	82.00	316	2	297
	32.24	805.35			1447
REL					
1&2	12.65	316.81	531	520	500
	12.65	316.81			500
Cent Sect					
Share					3692
					3692

MS PG CL	Thermal	118.06	2985.15		5150
	Thml+Gas	132.11	3305.68		5650
	Hydro	6.60	338.87		1365
	Total	138.72	3644.55		7015
State Total		203.26	5184.21		13254

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/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	5168	102	521	5791	629	242	3217	3470	-99	-11	10121	258	10379	1760	12139	49.84
2	5172	97	561	5830	631	421	3111	3330	19	159	10371	0	10371	1503	11874	50.07
3	5146	97	610	5853	630	251	3106	3257	19	173	10164	0	10164	1491	11655	50.04
4	5141	102	664	5907	630	261	3106	3360	19	197	10355	0	10355	1467	11822	50.04
5	5122	97	636	5855	630	223	3108	3634	19	214	10556	0	10556	1450	12006	49.89
6	5023	92	656	5771	630	194	2944	4225	178	345	11165	432	11597	1362	12959	49.89
7	4913	107	646	5666	628	145	3244	4364	44	169	10972	1976	12948	1518	14466	49.99
8	4947	87	599	5633	628	137	3504	4480	135	217	11095	2128	13223	1581	14804	49.93
9	4993	121	581	5695	629	94	3584	4234	48	85	10737	2808	13545	1809	15354	50.08
10	4947	160	577	5684	623	101	3933	4433	-289	-259	10582	2925	13507	2176	15683	49.73
11	4909	243	578	5730	621	101	4163	4532	-561	-526	10458	2764	13222	2494	15716	49.91
12	4879	238	559	5676	618	99	4259	4643	-656	-625	10411	2917	13328	2597	15925	49.89
13	4897	382	582	5861	620	94	4214	4862	-632	-574	10863	2919	13782	2555	16337	49.97
14	4692	397	579	5668	622	134	4175	4802	-514	-456	10770	2830	13600	2440	16040	49.98
15	4718	446	579	5743	619	113	4243	4640	-585	-427	10688	2716	13404	2403	15807	49.74
16	4709	452	542	5703	621	145	4219	4825	-561	-404	10890	3029	13919	2385	16304	49.90
17	4701	466	585	5752	622	185	4222	4895	-561	-503	10951	2862	13813	2484	16297	49.93
18	4817	459	605	5881	622	320	4164	4637	-468	-404	11056	2869	13925	2364	16289	49.93
19	4841	340	629	5810	623	318	3952	4419	-419	-367	10803	3441	14244	2372	16616	49.92
20	4877	390	629	5896	622	240	3728	4809	-419	-379	11188	3718	14906	2405	17311	49.74
21	4861	615	628	6104	622	237	3735	4665	-419	-350	11278	3200	14478	2369	16847	49.71
22	4820	918	554	6292	622	218	3647	4210	-328	-256	11086	3192	14278	2220	16498	49.64
23	4852	107	510	5469	623	125	3649	4562	-331	-189	10590	3013	13603	2040	15643	49.72
24	4909	87	448	5444	625	264	3452	4198	-228	-85	10446	2485	12931	1931	14862	49.87
MUs	118.05	6.60	14.06	138.71	14.99	4.66	88.68	103.49	-6.59	-4.26	257.60	52.48	310.08	49.18	359.25	49.89

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 25/Mar/2009

Position as on 6.30 Hrs of 26/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	30/03/2009
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
Koradi Unit 1	105	06/03/2009	10:52	25/03/2009	00.56	Boiler Tube Leakage	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Uran Unit 5	108	23/03/2009	13.18	25/03/2009	00.01	Gas Restriction	
Nasik Unit 1	125	23/03/2009	17.10		Continued.	Boiler Tube Leakage	27/03/2009
Tata Trombay 7B	60	24/03/2009	19.58	25/03/2009	22.55	Casing temp.high.	
Nasik Unit 3	210	25/03/2009	05.40	25/03/2009	22.45	P.A. Fan Tripped.	
Koradi Unit 6	210	25/03/2009	13.00		Continued.	Boiler Tube Leakage	29/03/2009
Koradi Unit 2	105	25/03/2009	17.51		Continued.	Fire In Wind Box	30/03/2009
Uran Unit 5	108	26/03/2009	05.35		Continued.	Bus Fault at Uran.	
Uran Unit 8	108	26/03/2009	05.35		Continued.	Bus Fault at Uran.	
Uran Unit A0	120	26/03/2009	05.35		Continued.	Bus Fault at Uran.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2009

Position as on 6.30 Hrs of 26/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
KORADI-SATPUR	25/03/2009	10.26	25/03/2009	13.02	Attending Oil leakages from B ph. Breaker PIR @ Koradi.Line was on TBC
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT-II @ Kalmeshwar	25/03/2009	16.30		Continued.	Avgmentation of 100 MVA ICT By 200 MVA ICT.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	24/03/2009	22.45	25/03/2009	11.30	H/T FOR O/V
Dhule-Sar'Sarovar II	26/03/2009	00.50		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,315 MVA ICT-II at Chandrapur	23/03/2009	11.14		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.
Spate ICT @ Lamboti	25/03/2009	17.27	25/03/2009	19.39	Ten Delta Measurment of Bushing
KORADY-BHSWL CKT. I	26/03/2009	04.34		Continued.	LILO at Akola.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Khaparkheda-TBC Breaker.	21/03/2009	12.00		Continued.	O/H Work
220KV Main Bus-I at Kolhapur	23/03/2009	11.24		Continued.	Jumpering Of A Bus Isolator for New Bay.
Main Bus @ Usmanabad	25/03/2009	09.12	25/03/2009	17.30	Isolator work.
220/132 KV,200 MVA ICT @ Bale	25/03/2009	10.30	25/03/2009	17.25	R.M.Work.
220 KV Bus Coupler @ Solapur	25/03/2009	11.07	25/03/2009	18.08	Q.M. & Testing work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
BBLSR-BHUSAWAL	26/03/2009	04.20		Continued.	Due to Outage on Koradi-BSL-I
Voltage Level : 220KV			Outage Type TRIPPED		
Apta-Uran I(HOC)	26/03/2009	05.35		Continued.	Bus Fault at Uran
Apta-Uran-II	26/03/2009	05.35		Continued.	Bus Fault at Uran Y ph C.T.Burst.
Apta-Uran-III	26/03/2009	05.35		Continued.	Bus Fault at Uran
Uran - Khargar - I	26/03/2009	05.35		Continued.	Bus Fault at Uran

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	0
Unit 3	105	60
Unit 4	105	70
Unit 5	200	160
Unit 6	210	0
Unit 7	210	140
	1040	500
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	150
Unit 4	210	150
Unit 5	210	150
Unit 6	250	230
	940	720
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	200
Unit 5	500	400
Unit 6	500	410
Unit 7	500	440
	2340	1990
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	170
	840	770
Nasik		
Unit 1	120	0
Unit 2	120	95
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	635
Uran		
All Units	852	450
	852	450
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	0
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	196
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	740	600
RGPPPL III	740	
	1480	600
Tata		
Trombay 4	150	100
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	297
	1774	1557
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3724
	3143	3724

	17146	13262
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