



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Dec/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Dec/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.024	350.244	1) Madhya Pradesh	60.355	176.495
2) Hydro	5.719	19.547	2) Gujrat	14.622	43.123
3) Gas	14.238	44.060	3) Goa	-6.129	-18.625
Total MSGENCO	137.981	413.851	4) TAPS 1&2 (Inj.)	7.384	22.118
B) OTHERS			5) Pench (Excess)	-0.121	-0.488
1) RGPPL Gas	22.955	68.015	# Total Cent. Sector	76.111	222.623
2) Wind Generation	2.987	7.686	F) Other Exchanges		
3) PENCH (MS)	0.121	0.488	1) With TPCL	-4.374	-12.379
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.199	75.003	1) MSEDCL Bilateral	5.061	10.311
2) TPCL Hydro	5.515	16.716	Include PX	2.320	5.283
TOTAL TPCL	30.714	91.719	2) MUMBAI Bilateral	4.924	14.637
3) REL Thermal	12.700	38.164	Include PX	0.071	0.259
D) STATE			3) MUMBAI Schedule	4.924	14.637
1) Thermal (A1+C1+C3)	155.923	463.411	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.355	36.751	1) MSEDCL	235.781	700.284
3) Gas (A3+B1)	37.193	112.075	2) TPCL	31.240	93.430
4) Wind (B2)	2.987	7.686	3) REL	16.536	48.819
TOTAL STATE	207.458	619.923	TOTAL STATE	283.557	842.533

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4876	5055	4753
MSGENCO Hydro	382	949	69
MSGENCO Gas	611	558	571
MSGENCO Total Generation	5869	6562	5393
Central Sector Receipt	3357	3724	2543
RGPPL	950	954	962
WIND	108	86	179
Exchange with TPCL	-277	-378	-13
MSEDCL DEMAND MET	10014	10968	9064
Load Shedding	3056	3352	1197
MSEDCL DEMAND (INCL. LS)	13070	14320	10261
TPCL GENERATION	1583	1587	799
REL GENERATION	529	524	533
TPCL+REL DEMAND	2389	2489	1345
STATE DEMAND MET	12403	13457	10409
STATE DEMAND (INCL. LS)	15459	16809	11606
Frequency (Hz)	49.48	49.55	50.02
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4161 MW AT 20.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			70.85 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.35 Hz at 23.37 Hrs	49.09 Hz at 09.47 Hrs	49.74	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 03/Dec/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.77	5.21	81	42	70
Unit 2	1.69	4.96	76	60	70
Unit 3	1.77	5.12	78	66	70
Unit 4	1.64	5.01	80	31	70
Unit 5	4.16	11.85	186	155	180
Unit 6	3.64	10.77	158	145	150
Unit 7	4.06	11.42	185	156	170
	18.73	54.34			780
Bhusawal					
Unit 1	1.29	3.70	58	48	52
Unit 2	4.13	12.40	185	159	180
Unit 3	4.27	13.12	200	155	190
	9.69	29.22			422
Parli					
Unit 1	0.54	1.63	24	22	20
Unit 2	0.57	1.67	25	22	20
Unit 3	3.68	11.29	175	126	130
Unit 4	4.48	13.42	202	163	155
Unit 5	4.05	12.17	178	160	165
Unit 6	5.10	14.18	231	159	215
	18.42	54.36			705
Chandrapur					
Unit 1	3.55	10.78	152	144	160
Unit 2	3.42	10.62	155	135	160
Unit 3	3.94	11.63	187	107	200
Unit 4	3.86	11.37	186	129	180
Unit 5	10.13	28.56	440	391	450
Unit 6	0.41	6.16	145	0	0
Unit 7	9.98	29.11	440	400	450
	35.29	108.24			1600
Paras					
Unit 2	0.60	1.80	26	22	22
Unit 3	5.09	14.92	234	181	210
	5.69	16.72			232
Khaparkheda					
Unit 1	4.34	12.96	187	175	180
Unit 2	4.06	9.97	188	152	160
Unit 3	4.32	13.83	197	167	170
Unit 4	4.10	13.62	208	150	160
	16.81	50.38			670
Nasik					
Unit 1	2.07	6.32	90	80	90
Unit 2	2.18	6.53	99	80	90
Unit 3	4.78	14.02	207	189	190
Unit 4	4.36	10.11	194	167	180
Unit 5	0.00	0.00	0	0	0
	13.40	36.98			550
Uran					
All Units	14.24	44.06	644	555	560
	14.24	44.06			560
Koyna					
Stage 1-2	1.92	5.70	235	30	600
Stage 4	0.71	4.64	244	0	250
Koyna 12&4 Total	2.62	10.34			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.84	2.32	240	0	240
	3.46	12.66			1090
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.36	1.12	61	0	60
BHTGR/VEER	0.58	1.48	24	24	24
BHIRA T.R.	0.30	0.73	82	0	80
RNGR+BHTSA	0.29	0.86	15	0	12
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.12	9	0	9
GHATGHAR	0.67	2.58	125	0	0
	2.26	6.89			185
PENCH (MS)					
Pench (MS)	0.12	0.49	20	0	
	0.12	0.49			
Wind					
MalharPeth	0.07	0.28			
Vankuswadi	0.29	0.75			
ATIT	0.03	0.12			
Kale	0.05	0.21			
Satara	0.06	0.26			
Shirala	0.04	0.25			
K Mahankal	0.04	0.15			
Supa	0.06	0.16			
Vita	0.37	1.39			
Dondaicha	0.99	2.11			
Sakri	0.60	0.77			
Nandurbar	0.08	0.22			
Khadakale	0.17	0.59			
Khaparale	0.12	0.44			
	2.99	7.69			
Dabhol					
RGPP L II	22.96	68.02	963	942	900
RGPP L III		0.00			
	22.96	68.02			900
Tata					
Trombay 4	0.00	1.83	0	0	0
Trombay 5	10.92	32.41	455	455	500
Trombay 6	9.84	27.68	510	150	500
Trombay 7A	2.83	8.34	125	100	120
Trombay 7B	1.61	4.75	69	60	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	5.52	16.72	463	0	447
	30.71	91.72			1627
REL					
1&2	12.70	38.16	533	509	500
	12.70	38.16			500
Cent Sect					
Share					3346
					3346

MS PG CL	Thermal	118.02	350.24		4959
	Thml+Gas	132.26	394.30		5519
	Hydro	5.72	19.55		1275
	Total	137.98	413.85		6794
State Total		207.46	619.92		13167

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Dec/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	4718	64	584	5366	961	160	2568	2530	-37	-13	9004	1492	10496	1574	12070	49.91
2	4703	64	559	5326	963	174	2482	2533	-37	-9	8987	1498	10485	1429	11914	49.96
3	4740	64	555	5359	963	176	2482	2579	-37	-9	9068	1277	10345	1358	11703	50.05
4	4753	69	571	5393	962	179	2482	2543	-37	-13	9064	1197	10261	1345	11606	50.02
5	4796	72	578	5446	962	184	2482	2699	-37	-21	9270	1261	10531	1353	11884	49.95
6	4763	255	610	5628	961	188	2443	2923	-37	-12	9688	1775	11463	1424	12887	49.74
7	4788	248	634	5670	962	180	2435	2384	-47	-28	9168	2984	12152	1558	13710	49.55
8	4839	84	631	5554	962	160	2754	2811	-47	-23	9464	3254	12718	1661	14379	49.62
9	4859	92	644	5595	963	136	2755	2747	-51	-29	9412	3536	12948	1847	14795	49.64
10	4897	179	629	5705	959	120	3183	3190	-267	-236	9738	3366	13104	2187	15291	49.69
11	4876	382	611	5869	950	108	3234	3357	-303	-277	10014	3056	13070	2389	15459	49.48
12	4881	231	601	5713	944	82	3231	3559	-303	-302	10016	2956	12972	2424	15396	49.52
13	4911	109	599	5619	942	74	3277	3792	-303	-291	10143	2881	13024	2427	15451	49.65
14	4963	89	601	5653	952	66	3277	3826	-303	-289	10208	2978	13186	2381	15567	49.94
15	5024	79	599	5702	950	60	3277	3576	-303	-289	9999	3226	13225	2396	15621	49.76
16	4991	124	604	5719	947	75	3277	3788	-303	-289	10240	3146	13386	2386	15772	49.61
17	5041	234	608	5883	951	90	3277	3528	-303	-292	10160	3208	13368	2375	15743	49.73
18	5044	389	559	5992	952	75	3230	3667	-303	-298	10395	3005	13400	2344	15744	49.61
19	5055	949	558	6562	954	86	3351	3724	-377	-378	10968	3352	14320	2489	16809	49.55
20	5053	836	563	6452	956	97	2996	3675	-307	-306	10894	3478	14372	2414	16786	49.58
21	5051	697	579	6327	958	102	2999	3563	-316	-263	10707	3172	13879	2271	16150	49.56
22	5115	251	595	5961	960	116	2998	3349	-314	-262	10144	3199	13343	2100	15443	49.91
23	5126	69	583	5778	961	148	3001	3039	-311	-258	9668	2670	12338	1911	14249	49.85
24	5028	89	583	5700	960	154	2868	2729	-243	-187	9356	2030	11386	1745	13131	49.99
MUs	118.02	5.72	14.24	137.97	22.96	2.99	70.36	76.11	-4.92	-4.37	235.78	64.00	299.77	47.79	347.56	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 03/Dec/2009

Position as on 6.30 Hrs of 04/Dec/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
Tata Trombay 8	250	25/11/2009	00:35		Continued.	Performance Guarantee Test	10/12/2009
Nasik Unit 5	210	25/11/2009	01:50		Continued.	AOH	17/12/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	15/12/2009
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	31/03/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	07/01/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Chandrapur Unit 6	500	01/12/2009	18:25	03/12/2009	20.34	B.T.L.	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	Low Demand.	
Koyna Unit 11	80	02/12/2009	09.45		Continued.	Stator core tightning work.	05/12/2009
Cent_Sect Sipat-4	500	03/12/2009	00:53		Continued.	ID FAN PROBLEM	06/12/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2009

Position as on 6.30 Hrs of 04/Dec/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Akola - Aurangabad - I	29/11/2009	17.30		Continued.	Hand Tripped
DHULE-SAR'SAROVAR-I	01/12/2009	13:16		Continued.	H/T for O/V.
Kolhapur-Mapusa Ckt I	03/12/2009	00.17	03/12/2009	09.49	H/T for O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Akola 400 KV Bus-II	02/12/2009	14.43	03/12/2009	00.30	For charging of Main and tie bay of Akola-A'bad-I.
Dabhol-New Koyna-I	03/12/2009	09.48	03/12/2009	16.23	Relay Testing Work.
400/220 KV ICT-II at Lonikand	03/12/2009	11.00	03/12/2009	18.16	Relay Testing Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/132 KV 150 MVA ICT @ Amravati	22/11/2009	09:26		Continued.	Augmentation of 150 MVA ICT by 200 MVA ICT and other Works.
220/66KV T/F at SICOM	27/11/2009	09:45		Continued.	L V Bkr Replacement work.
220/100 125 MVA ICT - II @ Trombay	03/12/2009	09.01		Continued.	Repl. Of CR Pannel and CT's
Mahad -C.Enka	03/12/2009	09.11	03/12/2009	16.40	Bay maintainece Work.
Bhigwan-BILT	03/12/2009	09.15	03/12/2009	14.20	Q.M.Work
220/33 KV,50MVA T/F-1 at Khargar	03/12/2009	09.15	03/12/2009	17.21	Testing Work.
220/22 KV, 50 MVA T/F-II @ Lonikand.	03/12/2009	09.46	03/12/2009	18.17	Isolator replacement.
Mudshingi - Peth	03/12/2009	09.48	03/12/2009	18.30	Cold Washing Of Isolator.
Century Enka - Khadki	03/12/2009	10.35	03/12/2009	13.32	Q.M.Work
220/22 KV, 50MVA T/F at Chinchwad	03/12/2009	11.00	03/12/2009	14.10	LV Side Isolator Repairing.
220 KV Main Bus-II at Aurangbad	03/12/2009	11.09	03/12/2009	19.57	For Connecting New 220/33 KV 25 MVA T/F.
220/100 KV,50 MVA T/F Kandalgaon	03/12/2009	12.05	03/12/2009	18.10	To attend Oil Leakage.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Solapur - Ujani	20/11/2009	09.40		Continued.	Breaker replacement
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Washi	04/12/2009	05.12		Continued.	Line maintainece work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV 100MVA IBT at Parli.	22/11/2009	22:17		Continued.	Compressor Problem.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	30/11/2009	03.23		Continued.	To load Akola ICT
Pusad -Parbhani	03/12/2009	11.03	03/12/2009	11.28	H/T to control Pusad-Bhugaon ckt.Loading.
Wardha - Yawatmal	03/12/2009	11.05	03/12/2009	11.17	H/T to shift from TBC to main C.B
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	06/11/2009	11:35		Continued.	To Control Chikhali line loading.
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2009

Position as on 6.30 Hrs of 04/Dec/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kharghar - Panvel	03/12/2009	15.24	03/12/2009	21.45	Dist.Prot.Y-Ph to E,Z1.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Dec/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	60
Unit 3	105	60
Unit 4	105	65
Unit 5	200	180
Unit 6	210	140
Unit 7	210	130
	1040	705
Bhusawal		
Unit 1	58	55
Unit 2	210	180
Unit 3	210	190
	478	425
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	155
Unit 4	210	200
Unit 5	210	175
Unit 6	250	210
	940	780
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	180
Unit 5	500	450
Unit 6	500	400
Unit 7	500	450
	2340	1960
Paras		
Unit 2	55	22
Unit 3	250	210
	305	232
Khaparkheda		
Unit 1	210	180
Unit 2	210	190
Unit 3	210	200
Unit 4	210	210
	840	780
Nasik		
Unit 1	120	85
Unit 2	120	85
Unit 3	210	200
Unit 4	210	160
Unit 5	210	0
	870	530
Uran		
All Units	852	600
	852	600
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	24
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	186
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	900
RGPL III	740	
	1700	900
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1577
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3313
	3143	3313