



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Nov/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.784	430.905	1) Madhya Pradesh	62.419	247.156
2) Hydro	22.507	73.386	2) Gujrat	23.019	104.908
3) Gas	13.834	58.168	3) Goa	-7.379	-28.073
Total MSGENCO	148.125	562.459	4) TAPS 1&2 (Inj.)	7.279	28.428
B) OTHERS			5) Pench (Excess)	-0.871	-3.972
1) RGPPL Gas	22.430	89.876	# Total Cent. Sector	84.467	348.447
2) Wind Generation	5.261	25.719	F) Other Exchanges		
3) PENCH (MS)	0.871	4.312	1) With TPCL	-5.255	-17.408
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.314	124.369	1) MSEDCL Bilateral	4.540	14.778
2) TPCL Hydro	5.903	17.509	Include PX	2.794	4.482
TOTAL TPCL	39.217	141.878	2) MUMBAI Bilateral	6.033	20.285
3) REL Thermal	6.331	32.088	Include PX	0.664	1.033
D) STATE			3) MUMBAI Schedule	6.233	20.485
1) Thermal (A1+C1+C3)	151.429	587.362	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	29.281	95.207	1) MSEDCL	255.899	1013.405
3) Gas (A3+B1)	36.264	148.044	2) TPCL	34.205	126.902
4) Wind (B2)	5.261	25.719	3) REL	16.598	64.496
TOTAL STATE	222.235	856.332	TOTAL STATE	306.702	1204.803

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4760	4788	4617
MSGENCO Hydro	765	2004	101
MSGENCO Gas	623	558	564
MSGENCO Total Generation	6148	7350	5282
Central Sector Receipt	3778	3809	3634
RGPPL	934	935	935
WIND	218	143	332
Exchange with TPCL	-414	-408	53
MSEDCL DEMAND MET	10690	11883	10289
Load Shedding	3550	4105	1815
MSEDCL DEMAND (INCL. LS)	14240	15988	12104
TPCL GENERATION	1873	1905	1287
REL GENERATION	262	260	267
TPCL+REL DEMAND	2549	2573	1501
STATE DEMAND MET	13239	14456	11790
STATE DEMAND (INCL. LS)	16789	18561	13605
Frequency (Hz)	49.53	49.84	49.98
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5139 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			98.69 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.39 Hz at 23.55 Hrs	49.04 Hz at 09.08 Hrs	49.7	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 04/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	2.12	7.48	94	83	75
Unit 2	1.67	6.03	75	61	70
Unit 3	0.00	2.38	0	0	0
Unit 4	2.04	7.22	91	73	75
Unit 5	3.51	13.30	155	132	140
Unit 6	3.61	12.77	162	135	140
Unit 7	3.70	13.36	184	132	135
	16.65	62.54			635
Bhusawal					
Unit 1	0.56	2.70	26	16	25
Unit 2	4.50	17.13	206	165	180
Unit 3	3.96	16.38	185	145	180
	9.02	36.21			385
Parli					
Unit 1	0.55	2.23	25	19	20
Unit 2	0.30	1.99	24	0	20
Unit 3	1.03	11.95	140	0	130
Unit 4	4.66	18.08	208	179	185
Unit 5	4.07	16.46	178	158	165
Unit 6	0.00	0.00	0	0	0
	10.60	50.71			520
Chandrapur					
Unit 1	3.76	15.07	168	140	170
Unit 2	3.94	5.62	174	140	150
Unit 3	3.79	15.27	172	134	200
Unit 4	4.53	18.56	200	155	210
Unit 5	10.55	26.35	464	390	425
Unit 6	10.20	39.71	445	372	425
Unit 7	7.55	35.02	393	229	300
	44.33	155.61			1880
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	5.08	19.77	224	197	220
	5.08	19.77			220
Khaparkheda					
Unit 1	0.00	11.10	0	0	0
Unit 2	4.75	18.80	202	180	190
Unit 3	0.00	0.00	0	0	0
Unit 4	5.05	13.99	213	208	210
	9.80	43.89			400
Nasik					
Unit 1	1.92	8.01	94	57	81
Unit 2	2.09	8.01	97	68	81
Unit 3	4.74	18.90	206	181	182
Unit 4	3.56	10.42	182	74	72
Unit 5	3.99	16.84	178	153	162
	16.30	62.18			578
Uran					
All Units	13.83	58.17	657	524	620
	13.83	58.17			620
Koyna					
Stage 1-2	4.66	14.24	365	40	600
Stage 4	11.45	37.32	1120	0	250
Koyna 12&4 Total	16.11	51.56			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.18	10.71	320	0	320
	19.29	62.27			1170
Hydro					
KDPH	0.47	1.90	20	19	20
VTRNA	0.00	0.00	0	0	0
TILLARI	0.60	1.92	59	0	60
BHTGR/VEER	0.98	2.88	41	41	40
BHIRA T.R.	0.33	1.06	79	0	80
RNGR+BHTSA	0.30	1.23	15	0	13
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.04	0.16	9	0	10
GHATGHAR	0.49	1.96	123	0	0
	3.22	11.11			223
PENCH (MS)					
Pench (MS)	0.87	4.31	54	0	
	0.87	4.31			
Wind					
MalharPeth	0.37	1.75			
Vankuswadi	1.13	4.86			
ATIT	0.22	1.00			
Kale	0.33	1.88			
Satara	0.28	2.01			
Shirala	0.32	1.70			
K Mahankal	0.15	1.78			
Supa	0.11	0.49			
Vita	0.79	4.78			
Dondaicha	0.52	1.47			
Sakri	0.10	0.33			
Nandurbar	0.03	0.08			
Khadakale	0.47	1.61			
Khaparale	0.43	1.97			
	5.26	25.72			
Dabhol					
RGPP L II	22.43	89.88	935	934	900
RGPP L III	0.00	0.00	0	0	
	22.43	89.88			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.62	44.37	500	425	500
Trombay 6	11.70	39.42	510	340	500
Trombay 7A	2.80	11.34	124	102	120
Trombay 7B	1.60	6.46	69	62	60
Trombay 8	5.60	22.78	253	128	250
TATA Hydro	5.90	17.51	473	0	447
	39.22	141.88			1877
REL					
1&2	6.33	32.09	267	251	250
	6.33	32.09			250
Cent Sect					
Share					3111
					3111

MS PG CL	Thermal	111.78	430.90		4618
	Thml+Gas	125.62	489.07		5238
	Hydro	22.51	73.39		1393
	Total	148.12	562.46		6631
State Total		222.24	856.33		12769

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Nov/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	4595	106	528	5229	935	304	2616	3713	10	51	10285	1944	12229	1749	13978	49.78
2	4589	106	584	5279	935	326	2652	3756	10	53	10403	1999	12402	1595	13997	49.83
3	4617	101	564	5282	935	332	2661	3634	10	53	10289	1815	12104	1501	13605	49.98
4	4599	106	524	5229	934	312	2659	3549	10	52	10130	2151	12281	1452	13733	49.88
5	4569	287	543	5399	935	246	2657	3531	10	54	10218	2296	12514	1419	13933	49.58
6	4573	979	581	6133	935	224	2570	3256	10	53	10655	2609	13264	1511	14775	49.43
7	4630	464	641	5735	934	265	2571	3145	10	55	10187	3630	13817	1605	15422	49.61
8	4592	186	657	5435	934	219	2908	3165	6	45	9815	3914	13729	1692	15421	49.65
9	4620	332	616	5568	935	204	2910	3139	6	45	9891	3991	13882	1898	15780	49.52
10	4640	692	616	5948	935	183	3231	3495	-305	-264	10317	3820	14137	2290	16427	49.38
11	4699	777	631	6107	934	190	3348	3746	-416	-379	10625	3528	14153	2472	16625	49.56
12	4760	765	623	6148	934	218	3341	3778	-466	-414	10690	3550	14240	2549	16789	49.53
13	4716	902	619	6237	935	206	3352	3658	-469	-432	10631	3526	14157	2560	16717	49.62
14	4755	902	599	6256	935	156	3349	3861	-419	-383	10845	3565	14410	2499	16909	49.75
15	4723	1069	574	6366	934	137	3347	3872	-419	-384	10945	3646	14591	2540	17131	49.57
16	4668	1219	572	6459	934	117	3348	3682	-419	-387	10832	3567	14399	2559	16958	49.57
17	4613	1243	560	6416	935	126	3349	4017	-419	-386	11134	3527	14661	2563	17224	49.61
18	4716	1634	545	6895	935	116	3338	3799	-403	-371	11427	3154	14581	2510	17091	49.60
19	4788	2004	558	7350	935	143	3411	3809	-440	-408	11883	4105	15988	2573	18561	49.84
20	4752	2003	551	7306	934	178	3163	3359	-497	-462	11345	4399	15744	2555	18299	49.83
21	4781	1883	537	7201	934	211	3163	3254	-447	-396	11247	4102	15349	2401	17750	49.91
22	4711	1622	538	6871	935	230	2978	3187	-440	-387	10876	4141	15017	2227	17244	49.87
23	4658	1640	535	6833	934	289	2848	3032	-379	-335	10800	3845	14645	2136	16781	49.78
24	4425	1485	538	6448	935	329	2849	3032	-379	-328	10436	2424	12860	1947	14807	50.05
MUs	111.79	22.51	13.83	148.13	22.43	5.26	72.62	84.47	-6.23	-5.26	255.91	79.25	335.15	50.80	385.96	49.70

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 04/Nov/2009

Position as on 6.30 Hrs of 05/Nov/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 2	55	11/10/2009	13:29		Continued.	AOH.	05/11/2009
Cent_Sect NTPC(V-5)	210	21/10/2009	23.57		Continued.	Boiler Overhall	10/11/2009
Khaparkheda Unit 3	210	23/10/2009	23.59		Continued.	Annual Overhaul	19/11/2009
REL 2	250	02/11/2009	03.06		Continued.	Annual Overhaul	25/11/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	30/11/2009
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	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Parli Unit 6	250	31/10/2009	13.01		Continued.	Hydrogen Leakage.	07/11/2009
Cent_Sect NTPC(K-1)	210	02/11/2009	05:06	04/11/2009	08.14	Boiler Tube Leakage.	
Koradi Unit 3	105	02/11/2009	21:16		Continued.	Boiler Tube Leakage.	05/11/2009
Khaparkheda Unit 1	210	03/11/2009	11.53		Continued.	Boiler tube leakage.	06/11/2009
Parli Unit 3	210	04/11/2009	07.43		Continued.	C.W.P Tripped.	07/11/2009
Parli Unit 2	30	04/11/2009	13.48		Continued.	Furnace Pressure high.	05/11/2009
Cent_Sect NTPC(K-6)	500	04/11/2009	21.45		Continued.	BLR T/L.	07/11/2009
Khaparkheda Unit 2	210	05/11/2009	01.58		Continued.	BLR T/L.	07/11/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Nov/2009

Position as on 6.30 Hrs of 05/Nov/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
Dhule-S'Sarovar I	01/11/2009	17.06	04/11/2009	18.48	H/T for over voltage
Dhule-Sar'Sarovar II	04/11/2009	22.00		Continued.	H/T For O/V.
Kolhapur-Mapusa Ckt I	05/11/2009	00.04		Continued.	H/T For O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132KV,200 MVA ICT-II at Bhusawal	26/10/2009	09.32		Continued.	Over hauling work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Bus-Coupler at Kalwa	26/10/2009	09.28		Continued.	C.B.Replacement.
220/132 KV,200MVA ICT-II At Kalmeshwar	30/10/2009	11.42		Continued.	Breaker O/H.ICT on TBC.
Kalwa-Mulund II	02/11/2009	09:20		Continued.	To Overhaul to 220 Kv ABB make SF6 Breaker. Line taken on TBC.
Tilawani-Miraj	02/11/2009	11:38	04/11/2009	20.50	Retrofitting of ABB distance Protection Relay.
Jindal-Ghatghar	04/11/2009	08.00	04/11/2009	19.47	Insulator Replacement Work.
Karad-Pedambe	04/11/2009	08.30	04/11/2009	17.25	Insulator Replacement Work.
Talangade - Mumewadi	04/11/2009	09.21	04/11/2009	19.12	Insulator Replacement work.
Kanhan - Bhandara - I	04/11/2009	09.56	04/11/2009	17.07	Disc.Replacement Work.
Osmanabad-Parli	04/11/2009	09.58	04/11/2009	15.33	Faulty Disc Insulator String.
Nigade - Peth	04/11/2009	10.00	04/11/2009	10.50	Testing Work.
Trombay-Mulund	04/11/2009	10.10	04/11/2009	17.22	R.M.Work
Khaparkhedha - Kanhan - II	04/11/2009	13.06	04/11/2009	18.15	Testing Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Gangakhed - Kandhar	01/11/2009	12.05		Continued.	Breaker replacement
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kandalgaon-Roha-II	04/11/2009	09.25	04/11/2009	18.10	Insulator Replacement Work.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Paras-Malegaon	17/10/2009	11.43		Continued.	Ckt on TBC due to main breaker Problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
C'pur-Parli II	04/11/2009	18.20		Continued.	Land Sliding at Loc.No 78 at Borgaon,Tal-Wani.
Chandrapur - Parly - 3	04/11/2009	18.30		Continued.	Land Sliding at Loc.78 at Borgaon,Tal-Wani.
LONIKHAND-PARLY-I	04/11/2009	22.36		Continued.	To Control CHDPR-PRL Line loading.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	02/11/2009	22:37		Continued.	To load Akola ICT.
Lonikhand-Ranjangaon	04/11/2009	06.50		Continued.	To Control LNKND ICT Loading.
Chinchwad-Parvati	04/11/2009	08.26	04/11/2009	11.16	To Control LNKND ICT Loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Pardi-Uppalwadi	28/10/2009	14.35	04/11/2009	09.43	H/T to control 132 kv Ambazari

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Nov/2009

Position as on 6.30 Hrs of 05/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					Manakapur ckt.flow.
					H/T To Control 132KV Ambazari-Mankapur load.
Pardi-Uppalwadi	04/11/2009	18.26		Continued.	
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV ICT-I at Lonikand	04/11/2009	06.32	04/11/2009	15.24	Diff.Prot. B-Ph LA Burst.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 125 MVA ICT - II @ Trombay	04/11/2009	21.40		Continued.	Diff.Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	55
Unit 3	105	0
Unit 4	105	80
Unit 5	200	150
Unit 6	210	150
Unit 7	210	160
	1040	675
Bhusawal		
Unit 1	58	22
Unit 2	210	180
Unit 3	210	180
	478	382
Parli		
Unit 1	30	20
Unit 2	30	0
Unit 3	210	0
Unit 4	210	195
Unit 5	210	170
Unit 6	250	0
	940	385
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	160
Unit 4	210	210
Unit 5	500	450
Unit 6	500	425
Unit 7	500	425
	2340	2010
Paras		
Unit 2	55	0
Unit 3	250	220
	305	220
Khaparkheda		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	0
Unit 4	210	210
	840	210
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	182
Unit 4	210	167
Unit 5	210	162
	870	673
Uran		
All Units	852	550
	852	550
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	20
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	225
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	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	200
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3046
	3143	3046