



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Nov/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.957	2700.705	1) Madhya Pradesh	62.030	1512.345
2) Hydro	9.597	342.759	2) Gujrat	2.676	210.764
3) Gas	15.639	358.926	3) Goa	-6.443	-154.234
Total MSGENCO	143.193	3402.390	4) TAPS 1&2 (Inj.)	7.332	181.872
B) OTHERS			5) Pench (Excess)	-0.176	-0.597
1) RGPPL Gas	22.386	554.774	# Total Cent. Sector	65.419	1750.150
2) Wind Generation	0.824	118.728	F) Other Exchanges		
3) PENCH (MS)	0.176	11.105	1) With TPCL	-4.134	-131.525
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.194	750.943	1) MSEDCL Bilateral	2.507	85.500
2) TPCL Hydro	5.743	100.275	Include PX	0.000	7.152
TOTAL TPCL	32.937	851.218	2) MUMBAI Bilateral	4.419	148.742
3) REL Thermal	12.652	214.229	Include PX	0.000	19.496
D) STATE			3) MUMBAI Schedule	4.419	153.852
1) Thermal (A1+C1+C3)	157.803	3665.877	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.516	454.139	1) MSEDCL	227.864	5705.622
3) Gas (A3+B1)	38.025	913.700	2) TPCL	32.584	792.195
4) Wind (B2)	0.824	118.728	3) REL	17.140	404.729
TOTAL STATE	212.168	5152.444	TOTAL STATE	277.588	6902.546

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	5034	5000	4544
MSGENCO Hydro	380	1047	85
MSGENCO Gas	628	659	664
MSGENCO Total Generation	6042	6706	5293
Central Sector Receipt	3025	3488	2280
RGPPL	937	933	895
WIND	23	38	42
Exchange with TPCL	-259	-375	-24
MSEDCL DEMAND MET	9768	10813	8486
Load Shedding	2251	2456	887
MSEDCL DEMAND (INCL. LS)	12019	13269	9373
TPCL GENERATION	1681	1682	905
REL GENERATION	528	519	527
TPCL+REL DEMAND	2468	2576	1456
STATE DEMAND MET	12236	13389	9942
STATE DEMAND (INCL. LS)	14487	15845	10829
Frequency (Hz)	49.73	49.85	50.10
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3048 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			50.84 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.46 Hz at 23.57 Hrs	49.13 Hz at 10.28 Hrs	49.82	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 25/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.86	45.30	89	55	70
Unit 2	1.58	19.22	80	53	70
Unit 3	1.72	27.88	82	62	70
Unit 4	0.70	31.89	58	0	0
Unit 5	2.99	71.04	142	90	150
Unit 6	2.90	80.72	155	98	130
Unit 7	2.94	83.90	155	85	130
	14.68	359.95			620
Bhusawal					
Unit 1	1.16	20.79	56	36	50
Unit 2	3.98	99.54	185	154	185
Unit 3	4.06	95.50	182	157	190
	9.19	215.83			425
Parli					
Unit 1	0.57	14.02	26	22	20
Unit 2	0.59	12.70	26	23	20
Unit 3	4.02	86.97	175	140	140
Unit 4	4.34	109.46	208	145	180
Unit 5	4.12	100.48	178	165	165
Unit 6	5.29	18.07	243	199	210
	18.92	341.71			735
Chandrapur					
Unit 1	3.62	93.88	156	144	160
Unit 2	3.55	82.75	160	138	160
Unit 3	3.55	74.54	172	120	200
Unit 4	3.90	95.22	189	140	210
Unit 5	8.15	174.46	420	270	450
Unit 6	8.04	215.63	390	275	450
Unit 7	8.22	214.75	401	315	450
	39.04	951.24			2080
Paras					
Unit 2	0.27	0.27	27	0	20
Unit 3	4.44	119.32	210	113	210
	4.71	119.59			230
Khaparkheda					
Unit 1	4.26	90.89	190	161	180
Unit 2	4.39	80.26	199	153	190
Unit 3	4.52	21.90	197	176	210
Unit 4	4.77	115.83	210	166	210
	17.94	308.88			790
Nasik					
Unit 1	2.13	47.64	92	85	90
Unit 2	2.12	46.06	93	85	90
Unit 3	4.62	112.01	202	169	180
Unit 4	4.46	100.36	192	171	180
Unit 5	0.13	97.43	110	0	0
	13.46	403.50			540
Uran					
All Units	15.64	358.93	680	610	620
	15.64	358.93			620
Koyna					
Stage 1-2	2.74	50.64	405	35	600
Stage 4	3.24	181.54	463	0	250
Kovna 12&4 Total	5.97	232.19			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.05	48.87	236	0	320
	7.02	281.06			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.45	11.01	61	0	60
BHTGR/VEER	0.66	19.64	28	27	25
BHIRA T.R.	0.24	5.96	74	0	80
RNGR+BHTSA	0.31	7.85	15	2	15
BHANDARDRA	0.00	5.63	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	1.30	0	0	0
GHATGHAR	0.92	6.69	125	0	0
	2.58	61.70			180
PENCH (MS)					
Pench (MS)	0.18	11.10	37	0	
	0.18	11.10			
Wind					
MalharPeth	0.05	8.28			
Vankuswadi	0.23	18.73			
ATIT	0.03	4.54			
Kale	0.03	7.42			
Satara	0.05	7.36			
Shirala	0.04	6.39			
K Mahankal	0.04	5.25			
Supa	0.00	2.03			
Vita	0.26	21.47			
Dondaicha	0.00	17.60			
Sakri	0.00	2.55			
Nandurbar	0.00	1.68			
Khadakale	0.09	8.50			
Khaparale	0.01	6.92			
	0.82	118.73			
Dabhol					
RGPP L II	22.39	554.77	946	893	900
RGPP L III	0.00	0.00	0	0	
	22.39	554.77			900
Tata					
Trombay 4	1.53	17.27	93	48	100
Trombay 5	10.80	245.26	450	450	500
Trombay 6	10.28	239.32	505	160	500
Trombay 7A	2.92	69.73	126	116	120
Trombay 7B	1.63	39.58	69	67	60
Trombay 8	0.04	139.79	39	0	0
TATA Hydro	5.74	100.28	463	0	447
	32.94	851.22			1727
REL					
1&2	12.65	214.23	529	519	500
	12.65	214.23			500
Cent Sect					
Share					3001
					3001

MS PG CL	Thermal	117.96	2700.70		5420
	Thml+Gas	133.60	3059.63		6040
	Hydro	9.60	342.76		1350
	Total	143.19	3402.39		7390
State Total		212.17	5152.44		13518

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/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	4790	79	665	5534	946	61	2400	2347	-43	-23	8865	876	9741	1673	11414	50.01
2	4631	77	665	5373	928	43	2400	2186	-43	-22	8508	884	9392	1522	10914	50.01
3	4544	85	664	5293	895	42	2400	2280	-43	-24	8486	887	9373	1456	10829	50.10
4	4539	85	660	5284	893	42	2399	2311	-43	-30	8500	996	9496	1422	10918	50.12
5	4534	90	662	5286	926	46	2398	2374	-43	-25	8607	1092	9699	1408	11107	49.83
6	4592	403	663	5658	943	49	2398	2645	-43	-26	9292	1421	10713	1477	12190	49.50
7	4727	458	665	5850	944	51	2398	2151	-43	-26	8993	2138	11131	1657	12788	49.58
8	4802	537	680	6019	943	44	2595	2094	-43	-29	9071	2131	11202	1736	12938	49.70
9	4850	611	679	6140	943	37	2595	2386	-43	-45	9461	2060	11521	1929	13450	49.67
10	4843	996	651	6490	942	30	2738	2433	-246	-227	9668	2125	11793	2282	14075	49.67
11	4964	608	637	6209	937	25	2734	2868	-212	-241	9798	2233	12031	2423	14454	49.77
12	5034	380	628	6042	937	23	2729	3025	-212	-259	9768	2251	12019	2468	14487	49.73
13	5085	475	626	6186	938	24	2726	2723	-212	-254	9617	2148	11765	2448	14213	49.83
14	5015	267	625	5907	935	23	2796	3120	-280	-242	9743	2127	11870	2415	14285	49.95
15	4992	299	611	5902	932	24	2796	3005	-280	-291	9572	2381	11953	2482	14435	49.78
16	4981	157	610	5748	932	23	2796	2956	-280	-307	9352	2559	11911	2511	14422	49.83
17	5067	133	617	5817	931	22	2796	3175	-280	-294	9651	2455	12106	2502	14608	49.75
18	5024	212	638	5874	931	27	2800	3202	-271	-285	9773	2304	12077	2493	14570	49.80
19	5000	1047	659	6706	933	38	2896	3488	-364	-375	10813	2456	13269	2576	15845	49.85
20	5101	959	659	6719	933	40	2639	3260	-275	-257	10718	2459	13177	2462	15639	49.68
21	5166	825	660	6651	934	34	2637	3194	-280	-215	10635	2232	12867	2359	15226	49.67
22	5166	348	667	6181	935	28	2639	3140	-280	-211	10096	2262	12358	2146	14504	49.79
23	5161	321	670	6152	936	23	2641	2582	-280	-216	9477	1914	11391	1996	13387	49.81
24	5203	145	673	6021	939	25	2644	2499	-280	-210	9274	1389	10663	1880	12543	50.14
MUs	117.81	9.60	15.63	143.04	22.39	0.82	62.99	65.44	-4.42	-4.13	227.74	45.78	273.52	49.72	323.24	49.82

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 25/Nov/2009

Position as on 6.30 Hrs of 26/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	25/11/2009	00:54	AOH.	
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	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	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Tata Trombay 4	150	18/11/2009	22.42		Continued.	W/Dn.	
Cent_Sect TARAPUR-4	540	20/11/2009	13.54		Continued.	Generator protection	25/11/2009
Koradi Unit 4	115	22/11/2009	02.16	25/11/2009	10.00	Boiler Tube Leakage	25/11/2009
Paras Unit 2	55	25/11/2009	01:40	25/11/2009	03:36	Reverse Power Protection.	
Cent_Sect NTPC(V-4)	210	25/11/2009	09.00		Continued.	Boiler tube leakage.	28/11/2009
Paras Unit 2	55	25/11/2009	19.11		Continued.	Oil line leakages.	28/11/2009
Chandrapur Unit 6	500	26/11/2009	02.11		Continued.	Boiler Tube Leakage.	30/11/2009
Parli Unit 3	210	26/11/2009	03.42		Continued.	Boiler Tube Leakage.	30/11/2009

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

Position as on 6.30 Hrs of 26/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
TILLARY-PHONDA	12/11/2009	09.50		Continued.	PLCC work at Amona Stn.(4 days)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Dhule-Sar'Sarovar II	09/11/2009	10:48		Continued.	H/T for O/V.
Wardha - Akola - I	11/11/2009	02.40		Continued.	H/T for O/V.
Seoni - Wardha	11/11/2009	02.41		Continued.	H/T for O/V.
Kolhapur-Mapusa Ckt I	24/11/2009	23.04	25/11/2009	06.31	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.
Akola 400 KV Main Bus-I.	25/11/2009	10.30	26/11/2009	05.37	For PGCIL Work.
Main Bus-I at Aurangabad	25/11/2009	12.51	26/11/2009	00.16	For PGCIL line 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.
220/132 KV 150 MVA ICT-I at Dhule	23/11/2009	11:30		Continued.	Main C.B. Replacement work, ICT H V side on TBC.
KDPH-Wankuswadi	23/11/2009	15:00		Continued.	Taken on TBC for Breaker replacement.
Padghe - Nashik - II	25/11/2009	08.54	25/11/2009	09.43	Replacement of insulator.
Apta-Uran-IV	25/11/2009	10.14	25/11/2009	17.51	Attend hot spot.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Solapur - Ujani	20/11/2009	09.40		Continued.	Breaker replacement
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV 100MVA IBT at Parli.	22/11/2009	22:17		Continued.	Compressor 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.
Parli-Lonikand - II	16/11/2009	09:02		Continued.	H/T for controlling line loading of Chandrapur-Parali Lines
Karad-Kolhapur CKT I	24/11/2009	22:20	25/11/2009	09.29	H/T for O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	24/11/2009	23:34	25/11/2009	11.00	To increasae Akola ICT loading
Wardha-Badnera	25/11/2009	00:20	25/11/2009	11.10	To increase Akola ICT Loading
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	06/11/2009	11:35		Continued.	To Control Chikhali line loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur - Bhadravati-IV	23/11/2009	15:49		Continued.	Bus bar Protection Operated.
C;pur-Parli CKT .I	24/11/2009	16:23	25/11/2009	09.51	Tripped on Dist. Protn. Y-E.
Voltage Level : 220KV			Outage Type TRIPPED		

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

Position as on 6.30 Hrs of 26/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/132KV 200MVA ICT-II at Jalna S/Stn.	23/11/2009	19:38		Continued.	Tripped on Diff. Prot.,OLTC Buchhlz.
Voltage Level : 132KV			Outage Type TRIPPED		
Harangul - Udgir	25/11/2009	02.21	25/11/2009	02.40	Tripped on distance protection.
Harangul - Udgir	26/11/2009	03.07	26/11/2009	03.17	Tripped on distance protection.
Harangul - Udgir	26/11/2009	05.20	26/11/2009	05.25	Tripped on distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	50
Unit 2	105	65
Unit 3	105	70
Unit 4	105	70
Unit 5	200	120
Unit 6	210	120
Unit 7	210	120
	1040	615
Bhusawal		
Unit 1	58	50
Unit 2	210	180
Unit 3	210	190
	478	420
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	200
Unit 5	210	175
Unit 6	250	200
	940	615
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	210
Unit 5	500	450
Unit 6	500	0
Unit 7	500	400
	2340	1580
Paras		
Unit 2	55	0
Unit 3	250	210
	305	210
Khaparkheda		
Unit 1	210	180
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	790
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	185
Unit 4	210	180
Unit 5	210	0
	870	545
Uran		
All Units	852	630
	852	630
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	28
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	193
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	960	900
RGPPPL III	740	
	1700	900
Tata		
Trombay 4	150	120
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	60
Trombay 7B	60	120
Trombay 8	250	0
TATA Hydro	444	447
	2024	1747
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2886
	3143	2886