



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Oct/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	109.432	2864.530	1) Madhya Pradesh	58.393	1394.459
2) Hydro	9.860	196.686	2) Gujrat	30.578	485.608
3) Gas	15.533	365.307	3) Goa	-6.725	-172.300
Total MSGENCO	134.825	3426.523	4) TAPS 1&2 (Inj.)	7.273	180.662
B) OTHERS			5) Pench (Excess)	-0.400	-17.189
1) RGPPL Gas	22.443	545.778	# Total Cent. Sector	89.119	1871.240
2) Wind Generation	0.941	112.547	F) Other Exchanges		
3) PENCH (MS)	0.400	17.964	1) With TPCL	-1.791	-185.799
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.836	674.846	1) MSEDCL Bilateral	5.321	60.224
2) TPCL Hydro	0.935	58.340	Include PX	1.384	7.035
TOTAL TPCL	26.771	733.186	2) MUMBAI Bilateral	3.147	207.371
3) REL Thermal	12.598	314.079	Include PX	0.000	15.526
D) STATE			3) MUMBAI Schedule	3.147	211.266
1) Thermal (A1+C1+C3)	147.866	3853.455	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.195	272.990	1) MSEDCL	245.937	5788.253
3) Gas (A3+B1)	37.976	911.085	2) TPCL	26.412	805.656
4) Wind (B2)	0.941	112.547	3) REL	14.746	427.366
TOTAL STATE	197.978	5150.077	TOTAL STATE	287.095	7021.275

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4514	4529	4564
MSGENCO Hydro	1055	931	35
MSGENCO Gas	624	648	659
MSGENCO Total Generation	6193	6108	5258
Central Sector Receipt	3681	4279	3366
RGPPL	919	938	940
WIND	33	59	51
Exchange with TPCL	-157	-187	75
MSEDCL DEMAND MET	10695	11251	9690
Load Shedding	2973	3251	1702
MSEDCL DEMAND (INCL. LS)	13668	14502	11392
TPCL GENERATION	1099	1309	1068
REL GENERATION	524	524	525
TPCL+REL DEMAND	1780	2020	1518
STATE DEMAND MET	12475	13271	11208
STATE DEMAND (INCL. LS)	15448	16522	12910
Frequency (Hz)	49.44	49.82	49.80
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4388 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			83.27 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.23 Hz at 16.06 Hrs	48.79 Hz at 18.12 Hrs	49.63	.74 % 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/Oct/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.25	27.07	76	0	0
Unit 2	1.38	32.02	73	0	70
Unit 3	1.45	32.34	78	30	75
Unit 4	1.65	26.28	85	42	80
Unit 5	3.20	76.21	155	114	140
Unit 6	3.27	82.23	161	100	125
Unit 7	3.39	89.60	157	124	140
	14.58	365.73			630
Bhusawal					
Unit 1	1.12	25.59	54	40	50
Unit 2	3.98	50.61	186	134	180
Unit 3	3.94	96.38	184	142	190
	9.05	172.58			420
Parli					
Unit 1	0.57	13.42	26	22	20
Unit 2	0.55	12.52	24	22	20
Unit 3	3.91	81.52	172	140	170
Unit 4	4.07	96.03	195	57	175
Unit 5	4.22	99.64	180	170	175
Unit 6	5.04	123.19	229	191	220
	18.36	426.32			780
Chandrapur					
Unit 1	3.85	95.21	168	154	170
Unit 2	3.49	61.08	154	127	150
Unit 3	4.05	103.93	180	150	200
Unit 4	4.54	114.18	209	160	200
Unit 5	0.00	185.37	0	0	0
Unit 6	9.80	201.58	455	350	400
Unit 7	10.22	192.88	439	405	450
	35.96	954.23			1570
Paras					
Unit 2	0.00	4.72	0	0	0
Unit 3	0.00	92.68	0	0	0
	0.00	97.39			0
Khaparkheda					
Unit 1	4.76	103.12	207	189	200
Unit 2	4.56	106.24	204	174	190
Unit 3	0.00	90.62	0	0	0
Unit 4	4.89	118.54	210	198	210
	14.21	418.53			600
Nasik					
Unit 1	2.00	48.69	90	61	85
Unit 2	2.02	46.17	90	24	90
Unit 3	4.70	115.91	208	181	180
Unit 4	4.33	111.40	186	172	175
Unit 5	4.23	107.56	192	162	170
	17.27	429.74			700
Uran					
All Units	15.53	365.31	671	617	620
	15.53	365.31			620
Koyna					
Stage 1-2	1.48	49.65	225	15	600
Stage 4	5.30	72.84	981	0	250
Koyna 12&4 Total	6.78	122.50			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.73	29.51	228	0	320
	8.51	152.00			1170
Hydro					
KDPH	0.00	6.12	0	0	0
VTRNA	0.00	0.12	0	0	0
TILLARI	0.36	11.13	60	0	60
BHTGR/VEER	0.00	4.21	0	0	0
BHIRA T.R.	0.18	4.88	41	0	40
RNGR+BHTSA	0.30	5.60	16	0	15
BHANDARDRA	0.00	4.11	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.30	9	0	10
GHATGHAR	0.45	7.20	125	0	0
	1.35	44.68			125
PENCH (MS)					
Pench (MS)	0.40	17.96	54	0	
	0.40	17.96			
Wind					
MalharPeth	0.04	6.27			
Vankuswadi	0.16	11.99			
ATIT	0.03	4.04			
Kale	0.00	2.53			
Satara	0.06	9.77			
Shirala	0.02	4.56			
K Mahankal	0.09	2.95			
Supa	0.03	2.50			
Vita	0.35	20.09			
Dondaicha	0.00	26.37			
Sakri	0.00	5.24			
Nandurbar	0.01	3.47			
Khadakale	0.14	6.61			
Khaparale	0.01	6.05			
	0.94	112.45			
Dabhol					
RGPP L II	22.44	545.78	952	900	900
RGPP L III	0.00	0.00	0	0	
	22.44	545.78			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.46	208.10	500	420	500
Trombay 6	4.34	244.66	250	150	500
Trombay 7A	2.77	66.85	125	103	120
Trombay 7B	1.54	38.06	67	59	60
Trombay 8	5.72	117.17	252	175	250
TATA Hydro	0.94	58.34	179	4	447
	26.77	733.19			1877
REL					
1&2	12.60	314.08	527	523	500
	12.60	314.08			500
Cent Sect					
Share					3212
					3212

MS PG CL	Thermal	109.43	2864.53		4700
	Thml+Gas	124.96	3229.84		5320
	Hydro	9.86	196.69		1295
	Total	134.82	3426.52		6615
State Total		197.98	5150.08		13104

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Oct/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	4468	124	656	5248	945	54	2859	3597	16	76	9920	1865	11785	1728	13513	49.74
2	4507	40	657	5204	952	57	2871	3326	16	76	9615	1923	11538	1643	13181	49.68
3	4564	35	659	5258	940	51	2877	3366	16	75	9690	1702	11392	1518	12910	49.80
4	4537	40	662	5239	941	39	2880	3493	16	76	9788	1891	11679	1453	13132	49.69
5	4527	45	664	5236	939	43	2885	3433	16	74	9725	1986	11711	1444	13155	49.68
6	4577	243	667	5487	941	47	2882	3580	16	75	10130	2190	12320	1469	13789	49.50
7	4625	59	668	5352	941	48	2785	2847	16	75	9263	3084	12347	1512	13859	49.54
8	4630	30	671	5331	940	41	2895	3208	16	73	9620	3427	13047	1484	14531	49.67
9	4544	148	662	5354	942	28	2951	3354	16	71	9775	3426	13201	1508	14709	49.48
10	4549	298	647	5494	939	31	3125	3466	-165	-109	9847	3407	13254	1685	14939	49.38
11	4565	791	634	5990	932	38	3322	3638	-209	-154	10471	2970	13441	1750	15191	49.44
12	4514	1055	624	6193	919	33	3314	3681	-209	-157	10695	2973	13668	1780	15448	49.44
13	4591	979	618	6188	924	30	3274	3540	-209	-159	10523	2961	13484	1780	15264	49.53
14	4594	904	617	6115	928	34	3239	3529	-209	-157	10449	3067	13516	1741	15257	49.55
15	4646	474	624	5744	928	29	3238	4000	-209	-154	10547	3198	13745	1739	15484	49.62
16	4592	186	630	5408	933	28	3237	3935	-209	-158	10146	3186	13332	1733	15065	49.77
17	4631	154	633	5418	934	32	3265	4209	-209	-159	10434	3173	13607	1711	15318	49.74
18	4678	461	630	5769	932	53	3320	3953	-238	-185	10575	2835	13410	1746	15156	49.46
19	4620	1572	636	6828	934	58	3186	3626	-240	-197	11302	3142	14444	1934	16378	49.46
20	4529	931	648	6108	938	59	3202	4279	-242	-187	11251	3251	14502	2020	16522	49.82
21	4500	640	651	5791	939	47	3206	4514	-242	-182	11163	2940	14103	2024	16127	49.74
22	4495	280	658	5433	940	37	3187	4511	-235	-173	10791	2976	13767	1989	15756	49.86
23	4464	311	660	5435	942	44	3163	4066	-258	-192	10305	2824	13129	1934	15063	49.77
24	4463	60	662	5185	900	57	3055	3919	-209	-139	9922	2013	11935	1835	13770	49.75
MUs	109.41	9.86	15.54	134.81	22.44	1.02	74.22	89.07	-3.15	-1.79	245.95	66.41	312.36	41.16	353.52	49.63

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/Oct/2009

Position as on 6.30 Hrs of 26/Oct/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
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	05/11/2009
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	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	20/12/2009
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	
Chandrapur Unit 5	500	20/10/2009	20.25		Continued.	Boiler Tube Leakage.	26/10/2009
Paras Unit 3	250	23/10/2009	23.57	26/10/2009	05:18	Economiser Tube Leakage	
Koradi Unit 1	105	25/10/2009	03.22		Continued.	Economiser Tube Leakage	27/10/2009
Koyna Unit 7	80	25/10/2009	05:15	25/10/2009	19:50	Due to Main Bus Section II Outage.	
Koyna Unit 8	80	25/10/2009	05:25	25/10/2009	19:02	Due to Main Bus Section II Outage.	
Koyna Unit 6	75	25/10/2009	06:18	25/10/2009	18:35	Due to Main Bus Section II Outage.	
Koyna Unit 5	80	25/10/2009	06:30	25/10/2009	18:37	Due to Main Bus Section II Outage.	
Nasik Unit 2	125	25/10/2009	11:00	25/10/2009	11:40	Seal Air Fan Problem.	
Koradi Unit 2	105	25/10/2009	22:02	26/10/2009	05:01	Reverse Power Protection.	
Nasik Unit 4	210	26/10/2009	02:20		Continued.	Boiler Tube Leakage.	30/10/2009
Cent_Sect NTPC(K-4)	500	26/10/2009	05:45		Continued.	Boiler Tube Leakage.	29/10/2009

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

Position as on 6.30 Hrs of 26/Oct/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	18/10/2009	13.45		Continued.	H/T For O/V.
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Kolhapur-Mapusa Ckt I	26/10/2009	01.29		Continued.	Hand Tripped for Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV ICT-II at New Koyna	25/10/2009	07:47	25/10/2009	16:20	Bus I Outage,220KV Bushing Clamp Replaced.
400 kv Main Bus-I at New Koyna	25/10/2009	08:26	25/10/2009	16:23	CVT Replacement Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/100 KV,125 MVA ICT-III at Trombay S/S.	31/08/2009	09.32		Continued.	Replacement of Relay Panels & Control Panels.
Pophali - Karad	25/10/2009	05.20	25/10/2009	18:40	Preventive maintenance
Pophali-New Koyna	25/10/2009	05.30	25/10/2009	18:50	Preventive maintenance
220 KV Main Bus Section-II @ Pophali	25/10/2009	07.08	25/10/2009	18.00	Maintainance Work.
K'gaon-Pirangut	25/10/2009	07:25	25/10/2009	17:35	Insulator Replacement.
Pophali-Pedambe-CKT-II	25/10/2009	07:08	25/10/2009	18:00	Preventive Maintenance.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Kalyan	21/10/2009	07:23	25/10/2009	17:16	Shifting of Tower near SLDC Building.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Karad - Ogalewadi - II	25/10/2009	09:15	25/10/2009	17:19	Hot Spot CT Problem.
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 : 132KV			Outage Type HAND TRIPPED		
Pardi-Uppalwadi	01/10/2009	17:14		Continued.	To Control 132kv Ambazari-Mankapur ckt flow.
Voltage Level : 220KV			Outage Type TRIPPED		
Trombay - Tata Tie - I	25/10/2009	11:40	25/10/2009	16:48	C. B. Problem.
Karad - Peth	25/10/2009	17:00	25/10/2009	17:56	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Harangul - Udgir	25/10/2009	01.40	25/10/2009	01.55	Distance protection
Harangul - Udgir	25/10/2009	03.02	25/10/2009	03.22	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Oct/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	20
Unit 3	105	80
Unit 4	105	70
Unit 5	200	145
Unit 6	210	140
Unit 7	210	160
	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	160
Unit 4	210	180
Unit 5	210	170
Unit 6	250	220
	940	770
Chandrapur		
Unit 1	210	165
Unit 2	210	140
Unit 3	210	180
Unit 4	210	200
Unit 5	500	0
Unit 6	500	400
Unit 7	500	450
	2340	1535
Paras		
Unit 2	55	0
Unit 3	250	50
	305	50
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	0
Unit 4	210	210
	840	600
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	182
Unit 4	210	0
Unit 5	210	162
	870	506
Uran		
All Units	852	620
	852	620
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	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	8
GHATGHAR	250	0
	611	123
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	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3202
	3143	3202

	17616	12888
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