



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Oct/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Oct/2013 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	101.209	2482.512	1) Gujrat	2.982	250.840
2) Hydro	19.634	315.864	2) Madhya Pradesh	19.184	445.582
3) Gas	11.341	274.959	3) Chattisgarh	10.910	231.200
Total MSGENCO	132.184	3073.335	4) Maharashtra	75.560	1661.284
B) 1) JSW JAIGAD	18.627	541.659	5) Goa	-6.008	-140.458
2) WPCL	5.648	171.973	6) TAPS 1&2 Injection	7.507	163.640
3) ADANI	34.590	847.850	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	4.921	230.242	8) Pench (Excess)	-0.482	-20.108
5) Wind Generation	4.130	166.988	# Total Cent. Sector	109.653	2591.980
6) PENCH (MS)	0.482	20.108	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-22.112	-546.496
1) TPCL Thermal	20.987	504.902	G) Bilateral Power *		
2) TPCL Hydro	5.607	101.327	1) MSEDCL Bilateral	21.946	568.812
TOTAL TPCL	26.594	606.229	Include PX	0.000	-13.407
3) REL Thermal	12.509	297.662	2) MUMBAI Bilateral	21.300	481.735
D) STATE			Include PX	7.315	131.553
1) Thermal (A1+C1+C3)	134.705	3285.076	3) MUMBAI Schedule	21.300	481.895
2) Hydro (A2+B5+C2)	25.723	437.299	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.341	274.959	1) MSEDCL	288.123	7097.639
4) Wind (B4)	4.130	166.988	2) TPCL	39.483	937.058
5) CPP (B1+B2+B3)	63.786	978.464	3) REL	21.732	513.301
TOTAL STATE	239.685	5142.786	TOTAL STATE	349.338	8547.998

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4309	4245	4061
MSGENCO Hydro	1689	1132	110
MSGENCO Gas	462	474	486
MSGENCO Total Generation	6460	5851	4657
Central Sector Receipt	4702	4746	4275
WIND	245	131	150
CPP / IPP	2517	2606	2867
Exchange with Mumbai	-1201	-1099	-494
MSEDCL DEMAND MET	12731	12259	11455
Load Shedding	409	351	198
MSEDCL DEMAND	13140	12610	11653
TPCL GENERATION	1360	1324	752
R-INFRA GENERATION	521	520	524
TPCL+R-INFRA DEMAND	3082	2943	1770
STATE DEMAND MET	15813	15202	13225
STATE DEMAND	16222	15553	13423
Frequency (Hz)	50.13	50.01	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.35 Hz at 12.59 Hrs	49.46 Hz at 09.10 Hrs	49.98	0 % of Time(min)

* 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/Oct/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	8.44	3	0	0
Unit 6	3.01	72.45	156	88	100
Unit 7	3.57	63.51	165	130	140
Total	6.58	144.40			240
Bhusawal					
Unit 2	0.00	31.20	0	0	0
Unit 3	3.75	68.31	170	140	140
Unit 4	6.38	124.87	320	215	215
Unit 5	0.00	91.34	0	0	0
Total	10.13	315.71			355
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.32	82.01	160	123	145
Unit 5	3.77	78.67	177	143	158
Unit 6	4.68	102.91	218	163	175
Unit 7	4.59	101.18	216	161	165
Total	16.36	364.77			643
Chandrapur					
Unit 1	2.90	73.39	133	113	140
Unit 2	0.00	55.27	0	0	0
Unit 3	2.99	69.24	158	95	150
Unit 4	3.72	82.98	190	120	170
Unit 5	0.00	0.00	0	0	0
Unit 6	9.28	201.22	415	341	400
Unit 7	9.37	188.73	415	344	425
Total	28.26	670.83			1285
Paras					
Unit 3	4.22	100.36	204	153	230
Unit 4	0.00	96.43	0	0	0
Total	4.22	196.80			230
Khaparkheda					
Unit 1	2.98	86.32	145	110	140
Unit 2	3.22	81.64	150	105	160
Unit 3	3.58	48.29	154	138	150
Unit 4	3.63	104.42	164	144	160
Unit 5	9.95	170.45	460	390	425
Total	23.36	491.11			1035
Nasik					
Unit 3	4.10	103.62	190	145	190
Unit 4	3.92	101.46	175	150	190
Unit 5	4.28	93.82	196	162	190
Total	12.30	298.90			570
Uran					
All Units	11.34	274.96	490	446	610
Total	11.34	274.96			610
PENCH (MS)					
Pench (MS)	0.48	20.11	50	0	
Total	0.48	20.11			
Koyna					
Stage 1-2	4.03	64.62	425	35	600
Stage 4	9.74	126.50	834	0	250
Stage 3	3.20	43.29	240	0	240
Kovna 12&4 Total	13.77	191.12			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	16.97	234.42			1090
Hydro					
KDPH	0.59	5.72	37	0	0
VTRNA	0.00	6.93	0	0	0
TILLARI	0.54	7.65	59	0	60
BHTGR/VEER	0.00	0.22	0	0	0
BHIRA T.R.	0.36	7.08	41	0	40
RNGR+BHTSA	0.26	9.27	15	0	0
BHANDARDRA	0.00	4.46	0	0	0
ELDARY	0.18	7.64	8	7	10
SMLHY PTN	0.43	13.28	18	17	12
GHATGHAR	0.30	17.35	125	0	0
Total	2.67	79.61			122
Wind					
MalharPeth	0.12	7.43			
Vankuswadi	0.25	12.97			
ATIT	0.03	1.78			
Kale	0.09	4.91			
Satara	1.20	53.28			
Shirala	0.10	5.30			
K Mahankal	0.01	1.33			
Supa	0.12	2.29			
Vita	0.18	25.39			
Dondaicha	1.17	32.42			
Sakri	0.24	5.19			
Nandurbar	0.07	2.97			
Khandke	0.32	5.54			
Khaparale	0.22	6.20			
Total	4.13	166.99			
CPP					
JSW JAIGAD	18.63	541.66	880	744	950
WARDHA	5.65	171.97	238	232	245
Adani	34.59	847.85	1710	1270	1851
Other CPPs	4.92	230.24			
Total	63.79	1791.72			3046
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.39	260.53	489	315	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.98	66.72	129	104	120
Trombay 7B	1.68	39.35	72	64	60
Trombay 8	5.94	138.30	254	205	250
TATA Hydro	5.61	101.33	436	0	447
Total	26.59	606.23			1377
REL					
1&2	12.51	297.66	524	520	500
Total	12.51	297.66			500
Cent Sect					
Share					5095
Total					5095

MS PG CL	Thermal	101.21	2482.51			4358
	Thml+Gas	112.55	2757.47			4968
	Hydro	19.63	315.86			1212
	Total	132.18	3073.34			6180
State Total		239.68	5142.79			16198

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Oct/2013

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4187	306	485	4978	119	2827	4617	4736	-829	-925	11761	128	11889	2201	14090	50.03
2	4170	78	486	4734	143	2803	4444	4685	-705	-747	11644	160	11804	1988	13792	50.01
3	4095	84	485	4664	120	2842	4284	4432	-601	-593	11477	174	11651	1877	13528	50.02
4	4052	88	488	4628	159	2866	4233	4319	-574	-511	11471	186	11657	1799	13456	49.98
5	4061	110	486	4657	150	2867	4214	4275	-574	-494	11455	198	11653	1770	13423	49.91
6	4152	511	488	5151	177	2865	4319	4295	-592	-570	11918	344	12262	1852	14114	49.93
7	4230	357	488	5075	176	2873	4340	4108	-592	-574	11671	732	12403	1928	14331	49.98
8	4361	617	490	5468	166	2853	4384	4147	-633	-608	12066	744	12810	2052	14862	49.97
9	4371	878	476	5725	196	2760	4476	4208	-721	-741	12198	695	12893	2357	15250	49.99
10	4465	1313	476	6254	274	2622	4537	4403	-863	-861	12705	337	13042	2736	15778	49.84
11	4367	1688	468	6523	225	2505	4716	4757	-1050	-1111	12926	167	13093	2999	16092	50.08
12	4309	1689	462	6460	245	2517	4954	4702	-1162	-1201	12731	409	13140	3082	16222	50.13
13	4233	1301	451	5985	235	2529	5058	4768	-1149	-1203	12314	553	12867	3082	15949	50.01
14	4283	1096	448	5827	288	2532	4981	4737	-1071	-1159	12225	474	12699	3000	15699	50.04
15	4241	1201	447	5889	315	2477	4988	4634	-1091	-1208	12107	415	12522	3052	15574	49.95
16	4264	1496	446	6206	241	2515	4935	4583	-1125	-1214	12358	335	12693	3060	15753	49.90
17	4248	1221	451	5920	153	2479	4956	4503	-1145	-1222	11844	299	12143	3045	15188	49.87
18	4216	690	459	5365	156	2492	4886	4779	-1076	-1280	11561	281	11842	2987	14829	49.95
19	4221	1045	465	5731	135	2718	4917	4726	-1113	-1122	12211	273	12484	2961	15445	49.90
20	4245	1132	474	5851	131	2606	5048	4746	-1082	-1099	12259	351	12610	2943	15553	50.01
21	4210	707	476	5393	106	2573	4838	4908	-963	-956	12048	247	12295	2811	15106	50.03
22	4124	683	479	5286	82	2536	4727	4823	-860	-937	11813	153	11966	2675	14641	49.99
23	4089	623	482	5194	76	2544	4638	4711	-835	-838	11736	109	11845	2527	14372	49.98
24	4009	720	485	5214	62	2585	4590	4668	-895	-938	11618	93	11711	2431	14142	50.03
MUs	101.20	19.63	11.34	132.18	4.13	63.79	112.08	109.65	-21.30	-22.11	288.12	7.86	295.97	61.22	357.19	49.98

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 25/Oct/2013

Position as on 6.30 Hrs of 26/Oct/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Chandrapur Unit 5	500	14/07/2013	00.01		Continued.	Annual Overhaul	
CPP WPCL U-2	135	16/10/2013	05.15		Continued.	Maint.Work.	
Koyna ST-IV 2	250	23/10/2013	23.15	25/10/2013	20.10	intrnal supply modification	
Koyna Unit 5	80	24/10/2013	07.35		Continued.	replacement of injector needle	
FORCED OUTAGE							
Dabhol 3B	230	28/05/2013	21.58		Continued.	Gas shortage.	
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 3X	290	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
Tata Trombay 6	500	19/07/2013	23.54		Continued.	Economic shut down.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
CPP WPCL U-3	135	16/09/2013	21.19		Continued.	ESP Bag filter repl.	
CPP VIPL	300	02/10/2013	00.45		Continued.	Turbine bearing vibration high.	02/11/2013
Uran Unit 5	108	05/10/2013	07.26		Continued.	Gas Shortage	
Koradi Unit 5	200	16/10/2013	10.47	25/10/2013	23.43	Bearing Tempe. High.	
Bhusawal Unit 5	500	18/10/2013	15.16		Continued.	ESP Problem.	
CPP JSW (J) U2	300	21/10/2013	00.00		Continued.	Lack of Shedule.	
Koyna Unit 11	80	22/10/2013	00.02		Continued.	Trash Track Work	29/10/2013
CPP INDIABULLS	270	22/10/2013	13.32		Continued.	Boiler Problem.	
Chandrapur Unit 2	210	23/10/2013	11.04		Continued.	Boiler Tube Leakage	
Paras Unit 4	250	23/10/2013	15.39		Continued.	Boiler Tube Leakage	
Bhusawal Unit 2	210	24/10/2013	12.37		Continued.	Boiler Tube Leakage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2013

Position as on 6.30 Hrs of 26/Oct/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Butibori MIDC - Vipl ckt - III (Gis Bay)	21/10/2013	15:07		Continued.	To Attend Oil Leakage from B Ph Bushing.
Butibori MIDC - Vipl ckt - IV (Gis Bay)	21/10/2013	15:07		Continued.	To Attend Oil Leakage from B Ph Bushing.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	23/10/2013	23.04		Continued.	Over Voltage
Kolhapur - Mapusa - I	24/10/2013	21.58	25/10/2013	10.05	Over Voltage
Kolhapur - Mapusa - I	25/10/2013	17.00		Continued.	over voltage
Voltage Level : 500KV			Outage Type TRIPPED		
765KV Wardha-Senoi-II (PGCIL)	20/08/2013	20:30		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur-Solapur(PGCIL)-I	18/09/2013	17.01		Continued.	Over Voltage
Kolhapur-Solapur (PG) II	20/09/2013	17.08		Continued.	Due to Heavy Rains,7 No's of Towers are Damaged.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol - New Koyna - I	26/09/2013	18.50		Continued.	Chattering Noise at Loc.No.47
50 MVAR Reactor on 400 KV Bhusawal - II	30/09/2013	12.55		Continued.	Complete Overhauling and testing work.(For 17 days.)
TBC at Khadka	07/10/2013	17.38		Continued.	TBC BKR,B-pole stuck up existing BHEL BKR,to be repl by CGL make due to foundation mismatch.
TBC @ Kharghar	23/10/2013	10.30		Continued.	Isolator work
Aurangabad-Deepnagar-II	25/10/2013	08.18	25/10/2013	17.58	Tower erection work of location no.1(DD+0) of 400 KV LILO on 400 KV Walunj- Deepnagar CKT-I For 400 KV Taptitanda s/s.
400/220KV 315 MVA ICT-II @ Padgha	25/10/2013	16.27	25/10/2013	18.51	oil leakage from lv bushing
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chalisgaon-Khadka II	07/10/2013	11.37		Continued.	Modification of existing Khadka-Chalisgaon line.
220/132 KV,200 MVA ICT-II At Chalisgaon	25/10/2013	09.25	25/10/2013	14.18	SFRA test of ICT Measurment of Tan Delta Of ICT bushings.
Gorai 220/33 kv 125 MVA T/F-2	25/10/2013	10.19	25/10/2013	16.47	A.M. WORK
Vita - Ghatnandre	25/10/2013	10.24	25/10/2013	15.00	testing work
Ghatghar - Washala	25/10/2013	11.05	25/10/2013	13.51	hot spot
Pawas-Kharepatan	25/10/2013	11.12	25/10/2013	14.00	emergency tree trimming work at loc no.255-256
Apta-Kalwa	25/10/2013	12.01	25/10/2013	18.38	replacement of y phase damaged conductor
Jambhul - Anandnagar	25/10/2013	9.02	25/10/2013	17.02	hot spot
Mumewadi-Hamidwada	25/10/2013	9.34	25/10/2013	17.16	for cleaning of polluted insulater strings from t.l.n
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
SPCL-Jondeere	25/10/2013	10.30	25/10/2013	16.01	half yearly maintance bay
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Oct/2013

Position as on 6.30 Hrs of 26/Oct/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
Dabhol-Nagothane - II	28/09/2013	21:34		Continued.	Over Voltage.
Chandrapur - Parli - II	12/10/2013	17.43		Continued.	Over Voltage.
Bhusawal- Aurangabad	24/10/2013	23.13	25/10/2013	8.23	Over Voltage
Deepnagar-Aurangabad-I	25/10/2013	17.37		Continued.	Hand tripped for Over Voltage
Karad - Newkoyna - I	25/10/2013	21.45		Continued.	over votage
Bhusawal- Aurangabad	25/10/2013	7.54		Continued.	over voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal - Deepnagar - II	26/10/2013	18.50		Continued.	over voltage
Karad-Kolhapur-II	26/10/2013	3.05		Continued.	over voltage
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Miraj -Ichalkarajni	26/09/2013	22.00		Continued.	Over Load

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Oct/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	110
Unit 6	210	150
Unit 7	210	150
	620	410
Bhusawal		
Unit 2	210	0
Unit 3	210	140
Unit 4	500	258
Unit 5	500	
	1420	398
Parli		
Unit 3	210	0
Unit 4	210	150
Unit 5	210	140
Unit 6	250	165
Unit 7	250	164
	1130	619
Chandrapur		
Unit 1	210	140
Unit 2	210	0
Unit 3	210	130
Unit 4	210	180
Unit 5	500	0
Unit 6	500	400
Unit 7	500	380
	2340	1230
Paras		
Unit 3	250	152
Unit 4	250	0
	500	152
Khaparkheda		
Unit 1	210	150
Unit 2	210	140
Unit 3	210	160
Unit 4	210	190
Unit 5	500	400
	1340	1040
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	465
	852	465
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	240
	1920	1010
Hydro		
KDPH	40	36
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	7
SMLHY PTN	12	0
GHATGHAR	250	0
	611	158
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	1200	950
WARDHA	405	235
Adani	1320	1851
Other CPPs	300	
	3225	3036
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4839
	3455	4839