



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Oct/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Oct/2012 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.964	2718.743	1) Gujrat	12.573	304.572
2) Hydro	15.663	273.102	2) Madhya Pradesh	21.809	489.264
3) Gas	8.275	246.850	3) Chattisgarh	13.300	323.812
Total MSGENCO	136.902	3238.695	4) Maharashtra	62.924	1597.781
B) 1) JSW JAIGAD	28.475	703.587	5) Goa	-7.050	-157.690
2) WPCL	5.711	213.598	6) TAPS 1&2 Injection	3.801	114.168
3) ADANI	9.530	218.100	7) RGPPL Injection	13.572	373.295
4) Other CPP / IPP	7.127	177.082	8) Pench (Excess)	-1.040	-19.532
5) Wind Generation	2.353	104.943	# Total Cent. Sector	119.889	3025.670
6) PENCH (MS)	1.040	19.532	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-11.590	-308.952
1) TPCL Thermal	30.149	742.002	G) Bilateral Power *		
2) TPCL Hydro	4.062	102.295	1) MSEDCL Bilateral	49.546	1171.753
TOTAL TPCL	34.211	844.297	Include PX	6.633	60.696
3) REL Thermal	12.521	325.639	2) MUMBAI Bilateral	12.355	354.042
D) STATE			Include PX	2.729	67.606
1) Thermal (A1+C1+C3)	155.634	3786.384	3) MUMBAI Schedule	12.355	354.042
2) Hydro (A2+B5+C2)	20.765	394.929	H) ENERGY CATERED (MUs)		
3) Gas (A3)	8.275	246.850	1) MSEDCL	299.437	7392.255
4) Wind (B4)	2.353	104.943	2) TPCL	38.555	989.714
5) CPP (B1+B2+B3)	50.843	1103.797	3) REL	19.777	489.160
TOTAL STATE	237.870	5636.903	TOTAL STATE	357.769	8871.129

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4645	4618	4773
MSGENCO Hydro	1897	313	92
MSGENCO Gas	338	293	388
MSGENCO Total Generation	6880	5224	5253
Central Sector Receipt	5542	5232	4438
WIND	21	248	50
CPP / IPP	2131	2154	2127
Exchange with Mumbai	-568	-606	-180
MSEDCL DEMAND MET	14046	12302	11737
Load Shedding	654	522	207
MSEDCL DEMAND	14700	12824	11944
TPCL GENERATION	1694	1709	1104
R-INFRA GENERATION	525	474	524
TPCL+R-INFRA DEMAND	2787	2789	1808
STATE DEMAND MET	16833	15091	13545
STATE DEMAND	17487	15613	13752
Frequency (Hz)	49.89	50.05	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 21.46 Hrs	49.58 Hz at 07.20 Hrs	50.03	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 26/Oct/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	70.29	0	0	0
Unit 7	3.76	60.08	180	130	155
Total	3.76	130.37			155
Bhusawal					
Unit 2	0.00	50.78	0	0	0
Unit 3	3.48	86.44	160	130	135
Unit 4	7.85	105.23	420	226	
Unit 5	0.00	0.00	0	0	
Total	11.33	242.45			135
Parli					
Unit 3	3.51	82.20	166	123	165
Unit 4	3.49	72.08	178	120	150
Unit 5	0.00	0.00	0	0	0
Unit 6	2.88	108.42	171	57	125
Unit 7	3.87	89.23	188	122	160
Total	13.76	351.94			600
Chandrapur					
Unit 1	3.43	86.61	153	116	150
Unit 2	3.41	85.68	156	105	150
Unit 3	3.50	102.20	174	129	160
Unit 4	3.66	87.21	170	144	170
Unit 5	9.68	171.91	420	385	425
Unit 6	10.19	222.65	475	365	425
Unit 7	9.37	214.00	430	330	375
Total	43.24	970.24			1855
Paras					
Unit 3	5.54	118.82	245	195	230
Unit 4	5.23	103.25	257	180	230
Total	10.77	222.07			460
Khaparkheda					
Unit 1	3.50	85.26	175	115	150
Unit 2	0.00	70.64	0	0	0
Unit 3	3.72	100.76	182	148	170
Unit 4	3.48	99.19	152	136	170
Unit 5	6.91	153.78	340	241	300
Total	17.62	509.63			790
Nasik					
Unit 3	4.21	110.40	195	160	200
Unit 4	4.17	75.45	185	150	180
Unit 5	4.11	106.20	188	152	180
Total	12.49	292.05			560
Uran					
All Units	8.28	246.85	420	290	390
Total	8.28	246.85			390
PENCH (MS)					
Pench (MS)	1.04	19.53	53	12	
Total	1.04	19.53			
Koyna					
Stage 1-2	5.07	86.52	515	40	600
Stage 4	6.34	88.72	1114	0	250
Stage 3	2.27	39.30	320	0	320
Kovna 12&4 Total	11.41	175.24			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	13.67	214.54			1170
Hydro					
KDPH	0.00	0.19	0	0	0
VTRNA	0.00	0.24	0	0	0
TILLARI	0.30	5.32	60	0	0
BHTGR/VEER	0.12	3.55	5	5	5
BHIRA T.R.	0.20	6.38	73	0	80
RNGR+BHTSA	0.34	8.32	14	14	15
BHANDARDRA	0.60	7.65	25	25	10
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.13	12.26	13	3	8
GHATGHAR	0.31	14.66	125	0	0
Total	1.99	58.56			118
Wind					
MalharPeth	0.18	7.02			
Vankuswadi	0.41	11.84			
ATIT	0.04	2.75			
Kale	0.07	3.91			
Satara	0.13	16.84			
Shirala	0.10	4.24			
K Mahankal	0.28	9.70			
Supa	0.06	1.63			
Vita	0.79	21.46			
Dondaicha	0.09	14.35			
Sakri	0.01	2.01			
Nandurbar	0.00	1.38			
Khandke	0.14	4.40			
Khaparale	0.05	3.38			
Total	2.35	104.94			
CPP					
JSW JAIGAD	28.48	703.59	1214	1034	1100
WARDHA	5.71	213.60	245	231	238
Adani	9.53	218.10	400	370	
Other CPPs	7.13	177.08			
Total	50.84	1312.37			1338
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.01	293.98	504	495	500
Trombay 6	7.48	187.17	465	158	500
Trombay 7A	2.90	72.32	124	118	120
Trombay 7B	1.64	41.41	69	68	60
Trombay 8	6.12	147.12	256	253	250
TATA Hydro	4.06	102.30	306	0	318
Total	34.21	844.30			1748
REL					
1&2	12.52	325.64	527	474	500
Total	12.52	325.64			500
Cent Sect					
Share					5300
Total					5300

MS PG CL	Thermal	112.96	2718.74			4555
	Thml+Gas	121.24	2965.59			4945
	Hydro	15.66	273.10			1288
	Total	136.90	3238.70			6233
State Total		237.87	5636.90			15119

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Oct/2012

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	4765	563	374	5702	35	2127	4545	4724	-605	-561	12077	141	12218	2240	14458	50.00
2	4706	477	388	5571	47	2131	4358	4398	-483	-385	11809	187	11996	2017	14013	50.03
3	4765	196	388	5349	56	2130	4268	4451	-403	-269	11767	198	11965	1899	13864	50.02
4	4773	92	388	5253	50	2127	4288	4438	-378	-180	11737	207	11944	1808	13752	50.02
5	4655	92	392	5139	43	2139	4288	4652	-377	-155	11865	239	12104	1782	13886	50.00
6	4710	97	405	5212	55	2138	4654	4889	-378	-206	12135	388	12523	1863	14386	49.94
7	4761	197	420	5378	68	2139	4638	4898	-376	-238	12258	887	13145	1867	15012	49.88
8	4808	750	406	5964	61	2144	4706	4818	-379	-334	12666	893	13559	1969	15528	49.88
9	4751	835	364	5950	71	2136	4718	5056	-388	-346	12894	911	13805	2215	16020	49.90
10	4812	998	364	6174	45	2129	4922	5546	-407	-465	13441	667	14108	2570	16678	50.00
11	4645	1897	338	6880	21	2131	4885	5542	-522	-568	14046	654	14700	2787	17487	49.89
12	4673	2119	336	7128	28	2146	4889	5046	-585	-610	13791	810	14601	2849	17450	49.87
13	4682	2105	334	7121	20	2115	4950	5037	-563	-617	13726	918	14644	2855	17499	50.10
14	4665	1351	290	6306	34	2144	5127	5438	-526	-554	13419	847	14266	2792	17058	50.08
15	4740	1334	290	6364	89	2147	5321	5334	-520	-601	13386	755	14141	2838	16979	50.13
16	4645	916	293	5854	209	2154	5319	5420	-519	-625	13063	684	13747	2852	16599	50.02
17	4618	313	293	5224	248	2154	5395	5232	-503	-606	12302	522	12824	2789	15613	50.05
18	4683	108	313	5104	153	2159	5144	4785	-443	-567	11665	485	12150	2796	14946	50.05
19	4651	439	315	5405	73	2144	5270	5265	-555	-616	12318	395	12713	2852	15565	50.14
20	4645	262	316	5223	150	2151	5470	5048	-634	-611	12014	584	12598	2827	15425	50.16
21	4655	196	316	5167	214	1981	5492	5063	-654	-604	11873	310	12183	2691	14874	50.05
22	4713	102	318	5133	236	1987	5167	5002	-673	-619	11791	273	12064	2537	14601	50.17
23	4731	87	315	5133	234	1983	5032	4875	-728	-665	11611	162	11773	2388	14161	50.16
24	4712	137	319	5168	113	2107	4824	4932	-755	-588	11783	123	11906	2239	14145	50.10
MUs	112.96	15.66	8.28	136.90	2.35	50.84	117.67	119.89	-12.36	-11.59	299.44	12.24	311.68	58.32	370.00	50.03

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 26/Oct/2012

Position as on 6.30 Hrs of 27/Oct/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 1	80	16/07/2012	22.15		Continued.	Refueling work.	
Parli Unit 5	210	06/09/2012	04.20		Continued.	Flame failure,converted to C.O.H from 15.09.2012(intimated on	29/10/2012
Koradi Unit 5	200	16/09/2012	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.	
FORCED OUTAGE							
Tata TATA Hydro	444	05/09/2012	03:30		Continued.	BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.	31/12/2012
Dabhol 2B	230	18/09/2012	18.42		Continued.	Gas shortage.	
Bhusawal Unit 5	500	29/09/2012	23.17		Continued.	B.T.G. & D.O.P. Work.	
Dabhol 2X	290	02/10/2012	07.15		Continued.	Gas Shortage.	
Dabhol 2A	230	02/10/2012	07.16		Continued.	Gas Shortage.	
Dabhol 1A	230	05/10/2012	15.00		Continued.	Gas Shortage.	
Uran Unit 8	108	07/10/2012	10.43		Continued.	Gas Shortage.	
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
CPP WPCL U-2	135	17/10/2012	00.23		Continued.	Bottom ash problem.	
Bhusawal Unit 2	210	19/10/2012	22.22		Continued.	ID Fan Problem	
Khaparkheda Unit 2	210	24/10/2012	07.45		Continued.	BLR T/L.	
Koradi Unit 6	210	24/10/2012	11.38		Continued.	Furnace draft high.	
Cent_Sect TARAPUR-4	540	24/10/2012	20:53		Continued.	Steam Generator Flow Down Line Leakage	
CPP WPCL U-1	135	25/10/2012	1901		Continued.	Main steam leakage.	
Koyana Unit 6	75	26/10/2012	07.05	26/10/2012	18.50	P.M.Work	
Uran Unit B0	120	26/10/2012	13.22		Continued.	Gas Shortage	
Uran Unit 7	108	26/10/2012	13.26		Continued.	Gas Shortage	
Nasik Unit 3	210	27/10/2012	02.00		Continued.	UAT Oil Filtration work	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2012

Position as on 6.30 Hrs of 27/Oct/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tillary-Amona	26/10/2012	07.22	26/10/2012	14.32	Maint.work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Solapur (PG) II	25/09/2012	20.43		Continued.	Over Voltage.
Kolhapur - Mapusa - II	25/10/2012	16.34	26/10/2012	10.44	Over Voltage.
Dhule-Sar'Sarovar - II	25/10/2012	22.12	26/10/2012	06.12	Over Voltage.
Kolhapur - Mapusa - I	26/10/2012	16.36		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	26/10/2012	22.23		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bhoisor-Bhoisor(PGCIL)-I	26/10/2012	14.07	26/10/2012	14.29	Hand Tripped by WRLDC
Bhoisor - Bhoisor PGCIL-II	26/10/2012	14.09	26/10/2012	14.18	Hand Tripped by WRLDC
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Satpur	26/10/2012	13.55	26/10/2012	14.18	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Amona	26/10/2012	05.20		Continued.	Distance protection R ph. to E/F,
Mahalakshimi-Amona-I	26/10/2012	05.20	26/10/2012	06.09	Tripped at Amona end
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Maintenance work.
400/220KV,200MVA Spare ICT at Kalwa.	22/08/2012	09.57		Continued.	Replacement of Isolator
Kalwa-Padgha-II	26/10/2012	07.00	26/10/2012	17.54	Replacement of Faulty String Insulator
Akola - Bhusawal	26/10/2012	09.18	26/10/2012	11.44	Problem of Pentograph Isolator of Main Bus-I
400/220 KV 500 MVA ICT - II at Khaparkheda	26/10/2012	10.20		Continued.	Erection of New C.B. and Testing
400/220 KV,500MVA ICT - III at Parly	26/10/2012	12.44	26/10/2012	14.09	Hot Spot near CT Clamp
Parli - Solapur	26/10/2012	15.01	26/10/2012	15.25	To take out Line Reactor
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Kalwa - Salshet - III	15/10/2012	09.11		Continued.	Replacement of Main Breaker(Taken on TBC For 15 Days)
Kalwa - Khargar	19/10/2012	08.55		Continued.	Mumbai Strengthing work
Mahape - Siemens	19/10/2012	10.09		Continued.	Mumbai Strengthing work
Chandrapur - Chandrapur MIDC	25/10/2012	07.20		Continued.	Restrtringing wok .
Nerul - Sonkhar	26/10/2012	07.05	26/10/2012	10.21	Line Maint.work
Chandrapur - Chandrapur MIDC	26/10/2012	07.20	26/10/2012	20.34	Restrtringing work
Ambazari-Amravati	26/10/2012	08.05	26/10/2012	18.20	Replacement of Disc Insulator
Jambhul - Anandnagar	26/10/2012	10.01	26/10/2012	17.58	Testing work
Bus Coupler at Padgha	26/10/2012	13.03	26/10/2012	19.45	Main Bus-I Outage
220 KV Main Bus-I @ Padgha	26/10/2012	13.03	26/10/2012	22.52	Jumpering work of 220KV side Bus of New ICT-IV
Mulund-Trombay	26/10/2012	13.33	26/10/2012	17.33	Maint.work

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2012

Position as on 6.30 Hrs of 27/Oct/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
IOL MIDC-Boiser-I	26/10/2012	10.53	26/10/2012	15.26	CT replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz protection operated.
Deepnagar-Aurangabad-I	21/10/2012	02.45		Continued.	Due to Carrier Failed.
Khadka - Deepnagar - II	22/10/2012	21.51		Continued.	Over Voltage.
Bhusawal- Aurangabad	23/10/2012	20.02		Continued.	Over Voltage.
Karad - Kolhapur - I	25/10/2012	16.01	26/10/2012	08.58	Over Voltage.
Karad - Kolhapur - II	26/10/2012	16.07		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Magarpatta - Sirum	21/07/2012	19.18		Continued.	To free TBC of Magarpatta.
Halkarni -Tillary	26/10/2012	06.35	26/10/2012	07.00	Taking charging trial of Tillary-Amona
Apta-Uran-IV	26/10/2012	22.26		Continued.	R Phase CC Burnt at Apta
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT-II @ Dhule	04/08/2012	17.21		Continued.	B Ph. H V Side ICT-II Bushing Burst.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated.
Nagothane-Dabhol-I	26/10/2012	07.45		Continued.	Distance Protection
400/220KV 315 MVA ICT-I @ Padgha	26/10/2012	09.01	26/10/2012	09.05	LV side tripped for change over of Bus
Voltage Level : 220KV			Outage Type TRIPPED		
Padgha-Jambhul-I	26/10/2012	10.47	26/10/2012	12.07	Shifting of Line Bus-I to Bus-II
Kharghar-TSS	26/10/2012	12.21	26/10/2012	13.51	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
132/11 KV 16 MVA T/F - I @ Nanded	07/10/2012	04.25		Continued.	Caught Fired.
Tiwsa-Talegaon Ckt.	24/10/2012	10.52		Continued.	B-Ph CT Burst.
Dhule - Dondaicha - II	25/10/2012	16.56	26/10/2012	01.20	Distance protection operated.
Markal - Bajaj Auto	26/10/2012	20.18	26/10/2012	20.38	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Oct/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	0
Unit 7	210	132
	620	132
Bhusawal		
Unit 2	210	0
Unit 3	210	134
Unit 4	500	
Unit 5	500	
	1420	134
Parli		
Unit 3	210	125
Unit 4	210	153
Unit 5	210	0
Unit 6	250	157
Unit 7	250	130
	1130	565
Chandrapur		
Unit 1	210	150
Unit 2	210	120
Unit 3	210	160
Unit 4	210	160
Unit 5	500	400
Unit 6	500	450
Unit 7	500	400
	2340	1840
Paras		
Unit 3	250	190
Unit 4	250	220
	500	410
Khaparkheda		
Unit 1	210	168
Unit 2	210	0
Unit 3	210	177
Unit 4	210	140
Unit 5	500	314
	1340	799
Nasik		
Unit 3	210	0
Unit 4	210	180
Unit 5	210	190
	630	370
Uran		
All Units	852	300
	852	300
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	24
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	192
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	600	1100
WARDHA	405	238
Adani	660	
Other CPPs	0	
	1665	1338
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	318
	2024	1748
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4905
	3455	4905