



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Aug/2012

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	84.868	2046.886	1) Gujrat	11.603	213.535
2) Hydro	5.415	275.405	2) Madhya Pradesh	24.681	511.694
3) Gas	10.436	271.559	3) Chattisgarh	12.960	301.000
Total MSGENCO	100.719	2593.850	4) Maharashtra	68.793	1502.662
B) OTHERS			5) Goa	-5.403	-144.462
1) JSW JAIGAD	28.429	607.888	6) TAPS 1&2 Injection	4.302	105.781
2) WPCL	7.757	174.580	7) RGPPL Injection	12.795	398.575
3) Other CPP / IPP	5.925	146.901	8) Pench (Excess)	0.000	-1.863
4) Wind Generation	14.121	604.023	# Total Cent. Sector	129.731	2886.922
5) PENCH (MS)	0.000	1.863	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-11.512	-307.924
1) TPCL Thermal	23.063	679.847	G) Bilateral Power *		
2) TPCL Hydro	0.404	90.205	1) MSEDCL Bilateral	40.740	689.397
TOTAL TPCL	23.467	770.052	Include PX	16.496	66.147
3) REL Thermal	12.582	322.332	2) MUMBAI Bilateral	12.608	318.223
D) STATE			Include PX	-0.818	18.008
1) Thermal (A1+C1+C3)	120.513	3049.065	3) MUMBAI Schedule	12.608	318.223
2) Hydro (A2+B5+C2)	5.819	367.473	H) ENERGY CATERED (MUs)		
3) Gas (A3)	10.436	271.559	1) MSEDCL	275.170	6708.103
4) Wind (B4)	14.121	604.023	2) TPCL	31.180	937.523
5) CPP (B1+B2+B3)	42.111	929.369	3) REL	16.378	462.743
TOTAL STATE	193.000	5221.489	TOTAL STATE	322.728	8108.369

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3675	3454	3181
MSGENCO Hydro	1036	89	153
MSGENCO Gas	457	461	383
MSGENCO Total Generation	5168	4004	3717
Central Sector Receipt	5485	5402	5421
WIND	479	752	597
CPP / IPP	1762	1763	1690
Exchange with Mumbai	-563	-463	-394
MSEDCL DEMAND MET	12331	11458	11031
Load Shedding	959	579	236
MSEDCL DEMAND	13290	12037	11267
TPCL GENERATION	1049	992	812
R-INFRA GENERATION	525	525	525
TPCL+R-INFRA DEMAND	2137	1980	1731
STATE DEMAND MET	14468	13438	12762
STATE DEMAND	15427	14017	12998
Frequency (Hz)	50.17	50.27	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.49 Hz at 17.04 Hrs	49.51 Hz at 19.34 Hrs	50.08	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/Aug/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.26	54.40	117	56	80
Unit 6	0.00	0.00	0	0	0
Unit 7	0.57	68.12	120	0	105
Total	2.83	122.52			185
Bhusawal					
Unit 2	3.80	73.73	165	145	160
Unit 3	0.00	0.87	0	0	0
Unit 4	3.34	73.13	252	74	
Unit 5	0.00	0.00	0	0	
Total	7.14	147.73			160
Parli					
Unit 3	3.03	65.97	146	0	142
Unit 4	2.66	76.63	132	63	135
Unit 5	2.44	67.83	140	0	0
Unit 6	3.84	96.22	189	79	180
Unit 7	3.34	5.76	198	83	100
Total	15.31	312.41			557
Chandrapur					
Unit 1	2.53	54.85	128	82	100
Unit 2	2.63	66.50	130	70	120
Unit 3	0.00	26.95	0	0	0
Unit 4	2.79	56.26	146	57	130
Unit 5	7.09	189.22	365	205	300
Unit 6	3.59	19.32	330	0	0
Unit 7	7.54	207.88	367	268	325
Total	26.18	620.98			975
Paras					
Unit 3	3.28	97.03	146	123	150
Unit 4	3.50	90.33	158	133	150
Total	6.78	187.36			300
Khaparkheda					
Unit 1	3.62	77.58	165	130	150
Unit 2	2.50	76.66	171	0	150
Unit 3	3.84	90.02	170	152	150
Unit 4	3.61	68.24	162	136	150
Unit 5	0.00	124.32	0	0	0
Total	13.58	436.83			600
Nasik					
Unit 3	4.72	116.76	210	165	210
Unit 4	4.45	94.44	198	164	190
Unit 5	3.89	7.85	176	151	160
Total	13.05	219.05			560
Uran					
All Units	10.44	271.56	465	381	390
Total	10.44	271.56			390
PENCH (MS)					
Pench (MS)	0.00	1.86	0	0	
Total	0.00	1.86			
Koyna					
Stage 1-2	2.39	90.15	495	40	530
Stage 4	0.44	82.84	278	0	250
Stage 3	1.11	51.12	240	0	240
Kovna 12&4 Total	2.82	172.99			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	3.94	224.11			1020
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.32	2.68	61	0	0
TILLARI	0.05	6.08	43	0	60
BHTGR/VEER	0.19	3.80	8	7	9
BHIRA T.R.	0.34	10.29	81	0	80
RNGR+BHTSA	0.00	1.26	0	0	0
BHANDARDRA	0.55	5.77	43	14	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.04	11.00	2	1	0
GHATGHAR	0.00	10.41	0	0	0
Total	1.48	51.29			149
Wind					
MalharPeth	0.89	29.00			
Vankuswadi	1.50	43.34			
ATIT	0.15	10.19			
Kale	0.46	16.22			
Satara	0.41	62.40			
Shirala	0.37	18.14			
K Mahankal	2.37	45.72			
Supa	0.10	8.54			
Vita	1.41	77.28			
Dondaicha	4.31	188.96			
Sakri	0.61	28.10			
Nandurbar	0.37	17.65			
Khandke	0.44	30.21			
Khaparale	0.74	28.26			
Total	14.12	604.02			
CPP					
JSW JAIGAD	28.43	607.89	1213	1130	1100
WARDHA	7.76	174.58	385	298	381
Other CPPs	5.92	146.90			
Total	42.11	929.37			1481
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.58	262.98	505	296	500
Trombay 6	3.80	156.58	181	155	500
Trombay 7A	2.69	75.44	127	68	120
Trombay 7B	1.54	41.82	69	51	60
Trombay 8	4.44	143.02	242	157	250
TATA Hydro	0.40	90.20	110	0	447
Total	23.47	770.05			1877
REL					
1&2	12.58	322.33	526	522	500
Total	12.58	322.33			500
Cent Sect					
Share					5156
Total					5156

MS PG CL	Thermal	84.87	2046.89			3337
	Thml+Gas	95.30	2318.44			3727
	Hydro	5.42	275.40			1169
	Total	100.72	2593.85			4896
State Total		193.00	5221.49			13910

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Aug/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	3867	92	381	4340	936	1763	4711	5117	-505	-517	11639	113	11752	2052	13804	50.01
2	3792	62	385	4239	674	1708	4734	5068	-494	-497	11192	212	11404	1907	13311	50.09
3	3492	157	386	4035	611	1684	4703	5298	-478	-434	11194	226	11420	1797	13217	50.14
4	3181	153	383	3717	597	1690	4683	5421	-446	-394	11031	236	11267	1731	12998	50.08
5	3246	68	385	3699	533	1689	4633	5565	-449	-366	11120	261	11381	1703	13084	50.07
6	3327	200	400	3927	487	1689	4604	5835	-472	-397	11541	382	11923	1735	13658	50.05
7	3422	136	456	4014	375	1711	4706	5381	-434	-395	11086	916	12002	1739	13741	50.08
8	3555	135	459	4149	402	1753	4587	5441	-456	-416	11329	985	12314	1762	14076	50.13
9	3588	289	462	4339	399	1761	4462	5344	-493	-468	11375	1029	12404	1857	14261	50.13
10	3691	346	465	4502	437	1760	5092	6034	-502	-451	12282	809	13091	1985	15076	50.10
11	3600	643	464	4707	436	1767	5171	6125	-567	-534	12501	739	13240	2085	15325	50.07
12	3675	1036	457	5168	479	1762	5295	5485	-594	-563	12331	959	13290	2137	15427	50.17
13	3757	472	456	4685	444	1749	5590	5666	-594	-564	11980	997	12977	2124	15101	50.09
14	3868	92	451	4411	544	1756	5582	5506	-553	-534	11683	757	12440	2070	14510	50.08
15	3703	94	449	4246	571	1763	5339	5648	-506	-485	11743	678	12421	2022	14443	50.11
16	3551	149	453	4153	651	1749	5066	5487	-480	-460	11580	670	12250	1992	14242	50.04
17	3454	89	461	4004	752	1763	5292	5402	-484	-463	11458	579	12037	1980	14017	50.27
18	3452	106	441	3999	790	1766	4957	4856	-547	-476	10935	420	11355	2011	13366	50.24
19	3334	159	433	3926	717	1775	5202	5243	-579	-508	11153	480	11633	2057	13690	49.97
20	3298	333	424	4055	662	1799	5380	5167	-564	-538	11145	705	11850	2156	14006	49.91
21	3369	232	435	4036	622	1838	5394	5309	-579	-535	11270	495	11765	2203	13968	49.99
22	3514	154	441	4109	581	1846	5210	5165	-591	-514	11187	199	11386	2188	13574	50.14
23	3572	130	454	4156	664	1794	5251	5077	-638	-510	11181	66	11247	2157	13404	50.02
24	3560	88	455	4103	757	1776	4991	5089	-602	-493	11232	46	11278	2111	13389	50.04
MUs	84.87	5.42	10.44	100.72	14.12	42.11	120.64	129.73	-12.61	-11.51	275.17	12.96	288.13	47.56	335.69	50.08

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/Aug/2012

Position as on 6.30 Hrs of 27/Aug/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Hydro GhatgharU1	125	05/07/2012	15:30		Continued.	Annual Overhaul	04/09/2012
Cent_Sect Tarapur 1	80	16/07/2012	22.15		Continued.	Refueling work.	29/08/2012
Koradi Unit 6	210	23/07/2012	10:51		Continued.	P. A. Fan problem. (Covered to AOH from 26-07-12)	27/08/2012
Bhusawal Unit 3	210	01/08/2012	07.15		Continued.	Capital Overhaul	05/09/2012
Chandrapur Unit 3	210	10/08/2012	19.33		Continued.	I D Fan Problem.(Converted to AOH)	11/09/2012
Cent_Sect NTPC(V-5)	210	18/08/2012	00.50		Continued.	Annual Overhaul.	
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Koyna Unit 11	80	18/06/2012	08.00		Continued.	Stator E/F.	02/09/2012
Dabhol 1B	230	23/07/2012	15.57		Continued.	Combustion Inspection	
Dabhol 3B	230	08/08/2012	11:40		Continued.	Gas Shortage.	
Dabhol 1X	290	10/08/2012	17.31		Continued.	Gas Shortage.	
Dabhol 1A	230	10/08/2012	17.33		Continued.	Gas Shortage.	
Uran Unit 5	108	15/08/2012	17.30		Continued.	Gas shortage.	
Dabhol 2B	230	19/08/2012	17.29		Continued.	Gas Shortage.	
Koyna ST-IV 2	250	20/08/2012	12.22		Continued.	Bucholz relay alarm.	
Khaparkheda Unit 5	500	22/08/2012	04.45		Continued.	CHP problem.	
CPP WPCL U-2	135	25/08/2012	14.33	26/08/2012	17.25	ID Fan Vibration high.	
Koyna ST - IV 4	250	26/08/2012	01.00		Continued.	Heavy oil leakage,SUT phase bushing.	
Chandrapur Unit 6	500	26/08/2012	02.22	26/08/2012	11.28	Fire protection alarm.	
Koyna Unit 2	75	26/08/2012	03.00	26/08/2012	09.10	Gen.prot.operated.	
Parli Unit 5	210	26/08/2012	03.16	26/08/2012	06.56	Flame Failure.	
Koradi Unit 7	210	26/08/2012	06.52	27/08/2012	03.45	Coal shortage.	
Khaparkheda Unit 2	210	26/08/2012	14.17	26/08/2012	19.30	Furnace Pressure high.	
Parli Unit 3	210	26/08/2012	23.10	27/08/2012	03.05	Flame Failure.	
Khaparkheda Unit 4	210	27/08/2012	05.09		Continued.	Furnace pressure high.	

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

Position as on 6.30 Hrs of 27/Aug/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Parli-Parli (PGCIL) I	02/08/2012	12.16		Continued.	Opening of Jumpers of Main Bus-I Between Lonikand -II & PGCIL - I.
Warora - Tiroda - II	24/08/2012	20.40	26/08/2012	12.29	First time charge, stand successfully.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Solapur (PG) II	04/07/2012	09.47		Continued.	PGCIL Work
Kolhapur-Solapur(PGCIL)-I	25/07/2012	21.58		Continued.	Over Voltage
Kolhapur - Mapusa - I	22/08/2012	17.12		Continued.	Over Voltage
Warora - Deoli - I	23/08/2012	22.24		Continued.	Over Voltage.
Seoni-Wardha-II 765KV.	24/08/2012	17.10		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur-Bhadravti - I	22/08/2012	11.15		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Maintenance work.
400/220 KV 500 MVA ICT-I @ Deepnagar	24/07/2012	09.30		Continued.	Modification in Control and Relay Panels and SCADA trials
400/220 KV,500MVA ICT - III at Parly	02/08/2012	11.25		Continued.	Opening of Jumpers of M B-I, Bet. Lonikand-II & PGCIL-I & Parli.
400/220KV,200MVA Spare ICT at Kalwa.	22/08/2012	09.57		Continued.	Replacement of Isolator
Tie Breaker @ Akola	24/08/2012	11.38	26/08/2012	21.43	Air Leakage.
400 KV A C - I @ Padgha	26/08/2012	12.22		Continued.	B/Dn on AC filter.
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.
220/132 KV 150 MVA ICT-I @ Akola.	21/08/2012	09.18		Continued.	Augmentation by 200MVA ICT(work up to 14/9/2012)
Aarey - Borivali	26/08/2012	07.19	26/08/2012	10.34	Conductor repairing job loc.no.55 to 56.
Apta-HOC	26/08/2012	10.41	26/08/2012	14.15	BKR heavy leakage at HOC end.
Dahanu-Bhoisor	26/08/2012	10.45	26/08/2012	13.58	Red hot on CT & T-clamp isolator.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
132/7 KV 31.5 MVA Stn T/F - II @ Bhusawal	10/08/2012	10.22		Continued.	Work at Generation end.
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.
Bhusawal- Aurangabad	24/08/2012	17.09	26/08/2012	10.22	Over Voltage.
Karad - Kolhapur - II	25/08/2012	23.24	26/08/2012	09.30	Over Voltage.
Bhusawal- Aurangabad	26/08/2012	12.42		Continued.	Over Voltage.
Karad - Kolhapur - I	26/08/2012	16.36		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Temghar - II	09/07/2012	16.33		Continued.	For Padgha ICT loading.
Magarpatta - Sirum	21/07/2012	19.18		Continued.	To free TBC of Magarpatta.
Parli-Usmanabad	26/08/2012	02.47		Continued.	Supply shifted to Bale
Voltage Level : 400KV			Outage Type TRIPPED		

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

Position as on 6.30 Hrs of 27/Aug/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
400/220 KV 315 MVA ICT-II @ Dhule	04/08/2012	17.21		Continued.	B Ph. H V Side ICT-II Bushing Burst.
Deepnagar-Aurangabad-I	10/08/2012	14.09		Continued.	B-PH Conductor of Twin Conductors Snapped(Ready for charging at 16.45Hrs/11-8-12)
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 100 MVA ICT @ Gadchiroli	18/06/2012	15.31		Continued.	Differential Protection operated
220/33KV,50 MVA T/F II at Warora	26/08/2012	12.35	26/08/2012	14.12	O/C,E/F.
220/66 KV 50 MVA T/F @ Chandrapur	26/08/2012	18.31		Continued.	OLTC buchholz indication received.
Voltage Level : 132KV			Outage Type TRIPPED		
Canpack-Gangapur	26/08/2012	18.22	26/08/2012	18.53	Dist.Prot.Z-I.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Aug/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	110
Unit 6	210	0
Unit 7	210	70
	620	180
Bhusawal		
Unit 2	210	160
Unit 3	210	0
Unit 4	500	
Unit 5	500	
	1420	160
Parli		
Unit 3	210	142
Unit 4	210	135
Unit 5	210	115
Unit 6	250	180
Unit 7	250	100
	1130	672
Chandrapur		
Unit 1	210	90
Unit 2	210	100
Unit 3	210	0
Unit 4	210	140
Unit 5	500	250
Unit 6	500	250
Unit 7	500	280
	2340	1110
Paras		
Unit 3	250	150
Unit 4	250	150
	500	300
Khaparkheda		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	150
Unit 4	210	0
Unit 5	500	0
	1340	450
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	180
	630	600
Uran		
All Units	852	450
	852	450
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	0
VTRNA	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	43
BHTGR/VEER	21	7
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	40
ELDARY	23	0
SMLHY PTN	12	4
GHATGHAR	250	0
	611	234
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	1090
WARDHA	405	380
Other CPPs	0	
	1005	1470
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	3455	5206
	3455	5206