



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Jun/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	104.421	1442.407	1) Gujrat	8.095	89.207
2) Hydro	33.238	198.864	2) Madhya Pradesh	16.484	249.036
3) Gas	13.424	161.348	3) Chattisgarh	8.030	129.320
Total MSGENCO	151.083	1802.619	4) Maharashtra	38.544	671.385
B) OTHERS			5) Goa	-5.859	-84.473
1) JSW JAIGAD	28.772	370.578	6) TAPS 1&2 Injection	7.562	99.117
2) WPCL	11.012	130.003	7) RGPPL Injection	17.233	270.612
3) Other CPP / IPP	9.555	92.505	8) Pench (Excess)	-0.160	-1.902
4) Wind Generation	10.273	230.290	# Total Cent. Sector	89.929	1422.302
5) PENCH (MS)	0.160	1.902	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-10.138	-172.665
1) TPCL Thermal	30.819	357.291	G) Bilateral Power *		
2) TPCL Hydro	6.524	70.262	1) MSEDCL Bilateral	25.373	400.117
TOTAL TPCL	37.343	427.553	Include PX	0.000	3.249
3) REL Thermal	12.521	163.277	2) MUMBAI Bilateral	15.360	208.418
D) STATE			Include PX	0.216	20.618
1) Thermal (A1+C1+C3)	147.761	1962.975	3) MUMBAI Schedule	15.360	208.418
2) Hydro (A2+B5+C2)	39.922	271.028	H) ENERGY CATERED (MUs)		
3) Gas (A3)	13.424	161.348	1) MSEDCL	290.646	3877.534
4) Wind (B4)	10.273	230.290	2) TPCL	40.099	504.811
5) CPP (B1+B2+B3)	49.339	593.086	3) REL	19.903	258.668
TOTAL STATE	260.719	3218.727	TOTAL STATE	350.648	4641.013

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4559	4165	4307
MSGENCO Hydro	1889	1652	1228
MSGENCO Gas	560	555	566
MSGENCO Total Generation	7008	6372	6101
Central Sector Receipt	4071	3774	3292
WIND	191	716	261
CPP / IPP	2048	2053	2055
Exchange with Mumbai	-590	-574	-161
MSEDCL DEMAND MET	12728	12341	11548
Load Shedding	1378	1263	269
MSEDCL DEMAND	14106	13604	11817
TPCL GENERATION	1910	1913	1114
R-INFRA GENERATION	525	521	521
TPCL+R-INFRA DEMAND	3025	3008	1796
STATE DEMAND MET	15753	15349	13344
STATE DEMAND	17131	16612	13613
Frequency (Hz)	49.26	49.57	49.39

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 18.04 Hrs	48.79 Hz at 10.27 Hrs	49.48	.67 % 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 13/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.70	35.52	125	100	120
Unit 6	3.78	41.04	166	142	145
Unit 7	3.97	43.34	185	135	160
Total	10.45	119.90			425
Bhusawal					
Unit 2	3.79	44.62	165	135	160
Unit 3	4.09	52.70	180	150	180
Unit 4	0.00	18.53	0	0	0
Unit 5	0.00	0.00	0	0	0
Total	7.88	115.85			340
Parli					
Unit 3	4.15	51.84	200	146	162
Unit 4	0.00	2.58	0	0	0
Unit 5	3.57	49.09	172	112	155
Unit 6	3.54	59.00	192	68	150
Unit 7	0.00	41.79	0	0	0
Total	11.25	204.30			467
Chandrapur					
Unit 1	3.60	49.52	158	134	155
Unit 2	3.63	36.96	167	127	160
Unit 3	4.10	51.50	187	149	160
Unit 4	4.60	58.26	197	170	200
Unit 5	9.49	95.32	460	270	425
Unit 6	7.39	132.12	370	240	300
Unit 7	10.04	107.75	452	323	450
Total	42.85	531.44			1850
Paras					
Unit 3	4.27	69.04	260	0	250
Unit 4	0.00	0.00	0	0	0
Total	4.27	69.04			250
Khaparkheda					
Unit 1	4.72	39.17	205	180	210
Unit 2	0.00	0.72	0	0	0
Unit 3	5.14	63.51	222	205	210
Unit 4	5.18	64.64	220	210	210
Unit 5	5.96	66.94	282	150	250
Total	21.00	235.00			880
Nasik					
Unit 3	0.00	58.11	0	0	0
Unit 4	4.02	61.64	191	135	142
Unit 5	2.70	47.13	190	0	0
Total	6.72	166.88			142
Uran					
All Units	13.42	161.35	572	529	570
Total	13.42	161.35			570
PENCH (MS)					
Pench (MS)	0.16	1.90	25	0	
Total	0.16	1.90			
Koyna					
Stage 1-2	8.47	62.98	525	35	530
Stage 4	16.41	73.88	1114	0	250
Stage 3	5.87	31.51	320	160	320
Kovna 12&4 Total	24.88	136.86			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	30.75	168.37			1100
Hydro					
KDPH	0.23	4.17	30	0	30
VTRNA	1.16	6.23	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.40	3.78	88	0	80
RNGR+BHTSA	0.25	2.75	11	10	10
BHANDARDRA	0.31	1.27	13	13	13
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.13	3.28	13	2	9
GHATGHAR	0.00	9.01	0	0	
Total	2.49	30.50			203
Wind					
MalharPeth	0.63	7.52			
Vankuswadi	0.70	12.02			
ATIT	0.34	2.55			
Kale	0.25	4.22			
Satara	0.98	19.33			
Shirala	0.48	5.80			
K Mahankal	1.09	16.78			
Supa	0.14	3.03			
Vita	1.79	27.58			
Dondaicha	2.67	92.05			
Sakri	0.29	12.19			
Nandurbar	0.32	9.34			
Khandke	0.37	8.94			
Khaparale	0.23	8.95			
Total	10.27	230.29			
CPP					
JSW JAIGAD	28.77	370.58	1217	1165	1100
WARDHA	11.01	130.00	461	442	460
Other CPPs	9.56	92.50			
Total	49.34	593.09			1560
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.87	137.48	504	391	500
Trombay 6	8.47	83.64	505	157	500
Trombay 7A	2.88	37.36	122	116	120
Trombay 7B	1.59	20.71	67	65	60
Trombay 8	6.01	78.09	252	249	250
TATA Hydro	6.52	70.26	471	18	447
Total	37.34	427.55			1877
REL					
1&2	12.52	163.28	525	512	500
Total	12.52	163.28			500
Cent Sect					
Share					4220
Total					4220

MS PG CL	Thermal	104.42	1442.41			4354
	Thml+Gas	117.84	1603.76			4924
	Hydro	33.24	198.86			1303
	Total	151.08	1802.62			6227
State Total		260.72	3218.73			14384

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Jun/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	4247	1638	564	6449	507	2032	4098	3856	-663	-386	12475	187	12662	2239	14901	49.46
2	4204	1269	564	6037	453	2050	4023	3712	-597	-319	11933	243	12176	2034	14210	49.59
3	4224	1166	565	5955	345	2058	3886	3665	-473	-252	11788	249	12037	1907	13944	49.54
4	4275	1302	565	6142	298	2050	3661	3421	-405	-196	11720	259	11979	1836	13815	49.39
5	4307	1228	566	6101	261	2055	3582	3292	-378	-161	11548	269	11817	1796	13613	49.39
6	4330	1732	569	6631	298	2042	3622	3395	-402	-205	12161	371	12532	1837	14369	49.50
7	4452	1550	571	6573	200	2051	3667	3351	-426	-233	11942	783	12725	1872	14597	49.66
8	4524	1443	565	6532	168	2051	3700	3504	-467	-278	11977	844	12821	1990	14811	49.57
9	4545	1533	566	6644	195	2030	3775	3650	-560	-402	12117	1153	13270	2303	15573	49.63
10	4484	1928	558	6970	210	2025	3860	3957	-610	-454	12708	1169	13877	2685	16562	49.44
11	4521	1899	546	6966	224	2049	4027	3652	-687	-585	12306	1419	13725	2957	16682	49.08
12	4559	1889	560	7008	191	2048	4154	4071	-786	-590	12728	1378	14106	3025	17131	49.26
13	4641	1882	556	7079	192	2050	4130	3811	-789	-588	12544	1254	13798	3023	16821	49.26
14	4493	1941	530	6964	243	2062	4114	3745	-773	-532	12482	1118	13600	2962	16562	49.19
15	4382	2046	529	6957	419	2062	4038	3669	-772	-587	12520	1311	13831	3009	16840	49.00
16	4361	1888	543	6792	593	2053	3838	3537	-795	-593	12382	1345	13727	3019	16746	49.27
17	4165	1652	555	6372	716	2053	3830	3774	-788	-574	12341	1263	13604	3008	16612	49.57
18	4039	1124	562	5725	591	2043	3746	3629	-693	-467	11521	861	12382	2901	15283	49.76
19	4213	397	562	5172	712	2071	3796	3661	-624	-359	11257	528	11785	2720	14505	49.76
20	4291	599	565	5455	899	2083	3933	3986	-644	-374	12073	647	12720	2707	15427	49.67
21	4261	741	556	5558	975	2093	3857	3767	-687	-283	12134	616	12750	2663	15413	49.54
22	4299	811	572	5682	693	2092	3893	3689	-739	-498	11682	559	12241	2549	14790	49.71
23	4314	706	566	5586	470	2064	4156	4538	-793	-573	12109	262	12371	2499	14870	49.65
24	4290	874	569	5733	420	2072	4162	4597	-810	-649	12198	189	12387	2461	14848	49.58
MUs	104.42	33.24	13.42	151.08	10.27	49.34	93.55	89.93	-15.36	-10.14	290.65	18.28	308.92	60.00	368.92	49.48

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 13/Jun/2012

Position as on 6.30 Hrs of 14/Jun/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	13/06/2012
Cent_Sect NTPC(V-3)	210	20/05/2012	00:25		Continued.	AOH.	
Khaparkheda Unit 2	210	01/06/2012	05.45		Continued.	Annual overhaul.	05/07/2012
Cent_Sect NTPC(K-5)	500	01/06/2012	23.50		Continued.	A/OH.	30/06/2012
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Dabhol 1A	230	30/03/2012	23.29	14/06/2012	01.49	Gas Shortage	
Parli Unit 4	210	02/06/2012	00.30		Continued.	ID Fan problem.	13/06/2012
Bhusawal Unit 4	500	06/06/2012	06.27		Continued.	Vibration Problem	
Dabhol 2B	230	08/06/2012	11.21		Continued.	W/Dn.	
Koyna Unit 1	75	09/06/2012	09.30		Continued.	Micom relay replacement.	14/06/2012
Dabhol 3A	230	10/06/2012	12.48		Continued.	Gas Shortage	
Nasik Unit 5	210	10/06/2012	14.50	13/06/2012	06.35	BLR T/L.	
Parli Unit 7	250	11/06/2012	18.30		Continued.	CHP problem	14/06/2012
Nasik Unit 3	210	12/06/2012	02.25		Continued.	Boiler Tube Leakage	15/06/2012
Cent_Sect Sipat U-2	660	13/06/2012	02.38		Continued.	Boiler Tube Leakage	
Paras Unit 3	250	13/06/2012	17.05		Continued.	Structure collapse near ESP.	
Dabhol 1X	290	13/06/2012	23.16	14/06/2012	04.59	Steam turbine bearing vibration measurement problem.	
Dabhol 1B	230	13/06/2012	23.16	14/06/2012	02.32	Steam turbine bearing vibration measurement problem.	
Chandrapur Unit 7	500	14/06/2012	01.45		Continued.	Due to coal mill tripped.	
Cent_Sect NTPC(V) 9	500	14/06/2012	02.56		Continued.	Boiler Tube Leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2012

Position as on 6.30 Hrs of 14/Jun/2012

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-S'Sarovar I	10/06/2012	01.55		Continued.	Over Voltage.
765KV Seoni - Wardha - II	11/06/2012	12.04		Continued.	Over Voltage
Kolhapur - Mapusa - I	13/06/2012	16.14		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur-Mapusa-II	13/06/2012	00.41	13/06/2012	11.02	Over Voltage.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC Pole II Padgha	13/06/2012	22.22	14/06/2012	06.22	Oil Top up in Pole-II smoothing reactor & attending oil leakage.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
400/220KV 315MVA ICT- I @ Chandrapur	06/06/2012	23.00		Continued.	Main Breaker Compressor problem(ICT on TBC)
Chandrapur - Parli - III	09/06/2012	09.27		Continued.	Overhauling of breaker(Ckt charged through TBC at Parly end)
Karad - Newkoyna - I	13/06/2012	08.36	13/06/2012	13.05	Replacement of discinsulator.
400/220 KV 315 MVA ICT- I @ Nagothane	13/06/2012	09.31	13/06/2012	19.11	Fixing of fire detector on ICT tank & MOG by CTR agency.
400/220 KV 500 MVA ICT- III @ Dhule	13/06/2012	10.17	13/06/2012	18.15	Testing work.
Karad-New Koyna II	13/06/2012	13.20	13/06/2012	19.37	Replacement of insulator.
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.
Khaparkheda-Ambazari - I	13/06/2012	07.23	13/06/2012	12.10	For connecting Aux. jumper & T Point jumper to aux. bus.
Parli-Usmanabad	13/06/2012	07.57	13/06/2012	18.11	Replacement of GUY PIECE @ LOC 261.
Wadkhal-IPCL I	13/06/2012	08.55	13/06/2012	18.16	Replacement of insulator.
Padgha-Temghar I	13/06/2012	09.37	13/06/2012	16.29	R.M work.
Karad-Mudsingi-IV	13/06/2012	09.56	13/06/2012	18.06	L A Replacement work.
Lamboti - Pandharpur	13/06/2012	10.00	13/06/2012	20.09	Replacement of insulator.
Pawas - Newali	13/06/2012	10.30	13/06/2012	12.45	Red hot spot attend.
220/132 KV 50 MVA ICT @ Gadchiroli	13/06/2012	12.31	13/06/2012	14.58	Pre-Monsoon maintenance work.
Mahape - Tifil	13/06/2012	16.15	13/06/2012	18.50	Attending hot spot work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Jeur - Karjat	13/06/2012	09.41	13/06/2012	13.55	LILLO Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Deepnagar-Waluj II	12/06/2012	16.00		Continued.	Over Voltage
Bhusawal- Aurangabad	12/06/2012	16.21	13/06/2012	07.50	Over Voltage
Karad - Kolhapur - I	12/06/2012	22.02	13/06/2012	07.43	Over Voltage
Bhusawal- Aurangabad	13/06/2012	16.22		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 500 MVA ICT- III @ Dhule	13/06/2012	22.41	13/06/2012	23.38	Trip on NDR.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2012

Position as on 6.30 Hrs of 14/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
220/6.6 KV 40 MVA Station T/F- I @ Kaparkheda	13/06/2012	12.40		Continued.	Bus Duct P.M work & Oil filtration work. (8 days).
Wardha--Dhamangaon	13/06/2012	13.52	13/06/2012	13.55	To control Wardha-Deoli L/L.
Voltage Level : 132KV			Outage Type TRIPPED		
Chalisgaon-Dhule	10/06/2012	11.40		Continued.	R Phase Breaker Pole Burst(Ckt.charged through TBC)

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	118
Unit 6	210	164
Unit 7	210	170
	620	452
Bhusawal		
Unit 2	210	160
Unit 3	210	180
Unit 4	500	
Unit 5	500	
	1420	340
Parli		
Unit 3	210	163
Unit 4	210	0
Unit 5	210	178
Unit 6	250	177
Unit 7	250	0
	1130	518
Chandrapur		
Unit 1	210	165
Unit 2	210	125
Unit 3	210	185
Unit 4	210	200
Unit 5	500	470
Unit 6	500	450
Unit 7	500	0
	2340	1595
Paras		
Unit 3	250	0
Unit 4	250	0
	500	0
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	500	250
	1340	880
Nasik		
Unit 3	210	0
Unit 4	210	192
Unit 5	210	172
	630	364
Uran		
All Units	852	570
	852	570
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		
KDPH	40	30
VTRNA	60	61

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	13
ELDARY	23	0
SMLHY PTN	12	7
GHATGHAR	250	0
	611	203
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	460
Other CPPs	0	
	1005	1560
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	3759
	3455	3759