

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Mar/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.639	1303.116	1) Gujrat	-5.570	-39.449
2) Hydro	5.694	96.412	2) Madhya Pradesh	11.442	142.422
3) Gas	11.059	138.706	3) Chattisgarh	6.640	82.460
Total MSPGCL	115.392	1538.234	4) Maharashtra Net	87.175	1125.033
B) 1) APMIL	47.808	784.274	5) Goa (Amona)	-0.454	-9.060
2) JSWEL	26.593	328.511	6) TAPS 1&2 Injection	3.663	47.361
3) VIPL	11.282	157.781	7) RGPPL Injection	11.638	147.773
4) RPL(AMT)	15.585	209.320	8) Pench (MS)	0.173	1.845
5) WPCL	4.396	50.425	9) Pench (Excess)	-0.173	-1.845
6) Other IPP	8.302	109.134	Total	114.361	1494.695
C) 1) TPCL Thermal	13.778	167.053	a) Mumbai Schedule	15.457	257.761
2) TPCL Hydro	0.848	41.968	b) Mumbai Drawl	18.230	317.225
3) TPCL Gas	4.323	53.800	c) MSEDCL Bilateral *	33.527	386.876
4) R-INFRA Thermal	10.372	144.829	Include PX	0.000	-15.751
D) STATE			d) Mumbai Bilateral *	15.457	257.761
1) Thermal	236.755	3254.443	Include PX	0.287	34.335
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.542	138.380	H) ENERGY CATERED (MUs)		
3) Gas	15.382	192.506	1) MSEDCL	345.295	4482.666
4) Wind	18.087	110.956	2) Mumbai Discoms	47.545	724.862
6) SOLAR	1.719	16.561	TOTAL STATE	392.840	5207.528
TOTAL STATE	278.485	3712.846			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	4650	4470	3948	4028
MSPGCL Hydro	454	233	787	103
MSPGCL Gas	452	434	456	475
MSPGCL Total Generation	5556	5137	5191	4606
Central Sector Receipt	5545	4747	4643	4233
WIND	329	653	577	464
CPP / IPP	5188	5084	4545	4699
SOLAR	211	239	0	0
Exchange with Mumbai	-581	-666	-1029	-988
MSEDCL DEMAND MET	16248	15194	13927	13014
Load Shedding	4	4	3	3
MSEDCL DEMAND	16252	15198	13930	13017
TPCL GENERATION	1023	871	700	697
R-INFRA GENERATION	517	491	404	405
MUMBAI DEMAND	2121	2028	2133	2090
STATE DEMAND MET	18369	17222	16060	15104
STATE DEMAND	18373	17226	16063	15107
Frequency (Hz)	49.99	49.97	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.05 Hrs	49.79 Hz at 07.49 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 13/Mar/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	4.01	0	0
Unit 8	0.00	79.53	0	0
Total	0.00	83.54		
Bhusawal				
Unit 2	3.98	34.10	185	100
Unit 3	4.11	43.04	180	160
Unit 4	3.66	3.66	350	0
Unit 5	9.48	116.82	510	350
Total	21.23	197.63		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.34	57.08	207	162
Unit 4	4.24	55.29	199	160
Unit 5	9.58	129.19	465	360
Unit 6	0.00	40.63	0	0
Unit 7	9.52	126.05	460	356
Total	27.68	408.24		
Paras				
Unit 3	5.45	55.75	258	188
Unit 4	5.18	33.86	250	187
Total	10.63	89.61		
Khaparkheda				
Unit 1	3.76	50.92	175	130
Unit 2	4.01	52.39	185	160
Unit 3	4.06	40.75	192	160
Unit 4	4.13	55.07	201	160
Unit 5	9.71	136.87	500	365
Total	25.67	336.00		
Nasik				
Unit 3	0.00	43.98	0	0
Unit 4	4.03	52.48	187	156
Unit 5	4.16	54.38	200	161
Total	8.19	150.85		
Uran				
All Units	11.06	138.71	484	434
Total	11.06	138.71		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.17	1.84	47	0
Total	0.17	1.84		
Koyna				
Stage 1-2	1.68	40.78	475	40
Stage 4	0.00	18.75	0	0
Stage 3	1.31	11.80	80	0
Total	2.98	71.33		
Hydro				
KDPH	0.60	4.71	34	17
VTRNA	0.00	0.00	0	0
TILLARI	0.23	1.59	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	2.88	40	0
RNGR+BHTSA	0.24	2.57	12	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.92	11.71	39	38
GHATGHAR	0.48	1.62	125	0
Total	2.71	25.08		
Wind				
Total	18.09	110.96	0	0
Total	18.09	110.96		
CPP				
APML(Mus)	47.81	784.27	0	0
JSWEL(Mus)	26.59	328.51	0	0
VIPL(Mus)	11.28	157.78	0	0
RPLAMT(Mus)	15.58	209.32	0	0
WPCL(Mus)	4.40	50.42	0	0
Other(Mus)	8.30	109.13	0	0
Total	113.97	1639.44		
SOLAR				
Total	1.72	16.56	0	0
Total	1.72	16.56		
Tata				
Trombay 5	8.66	120.70	485	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	33.55	118	111
Trombay 7B	1.60	20.25	68	66
Trombay 8	5.12	46.35	247	199
TATA Hydro	0.85	41.97	120	0
Total	18.95	262.82		
R-INFRA				
1-2	10.37	144.83	518	400
Total	10.37	144.83		

Infirm Power	Chandrapur 8	0.00	Koradi 9	5.24
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	98.64	1303.12
MSPGCL Thml+Gas	109.70	1441.82

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.69	96.41
MSPGCL Total	115.39	1538.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.68	59.53
State Total	278.48	3712.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Mar/2016

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	3958	213	461	4632	851	4840	0	4922	4875	-947	14251	4	14255	2046	16301	49.98
2	3846	203	464	4513	947	4744	0	4924	4824	-818	14210	4	14214	1919	16133	49.97
3	3790	208	472	4470	937	4476	0	4858	4928	-710	14101	4	14105	1811	15916	49.99
4	3779	203	463	4445	836	4393	0	4837	4874	-648	13900	4	13904	1744	15648	50.01
5	3775	208	484	4467	869	4388	0	4841	4964	-613	14075	4	14079	1715	15794	49.99
6	4053	223	465	4741	764	4543	0	4897	5066	-662	14452	4	14456	1842	16298	49.99
7	4325	208	476	5009	770	5009	1	4921	4794	-509	15074	4	15078	1873	16951	50.07
8	4586	208	466	5260	671	5163	34	4999	4847	-376	15599	4	15603	1801	17404	49.99
9	4621	206	471	5298	606	5176	86	5154	4844	-489	15521	4	15525	1924	17449	49.96
10	4642	343	461	5446	437	5180	157	5220	5299	-536	15983	4	15987	2054	18041	49.98
11	4650	454	452	5556	329	5188	211	5151	5545	-581	16248	4	16252	2121	18373	49.99
12	4684	352	456	5492	437	5183	227	5148	5337	-608	16068	4	16072	2135	18207	49.96
13	4470	233	434	5137	653	5084	239	5188	4747	-666	15194	4	15198	2028	17226	49.97
14	3937	188	453	4578	926	4824	238	5187	4986	-857	14695	3	14698	2062	16760	50.02
15	3890	158	446	4494	1263	4542	213	5168	4666	-848	14330	3	14333	2055	16388	50.03
16	3923	123	444	4490	1217	4438	159	4842	4824	-872	14256	3	14259	1968	16227	49.96
17	3934	113	449	4496	1251	4445	110	4650	4571	-848	14025	3	14028	1944	15972	49.98
18	3892	108	458	4458	1044	4447	40	3587	4063	-837	13215	3	13218	1935	15153	49.99
19	3899	271	454	4624	833	4479	4	3524	4096	-843	13193	3	13196	1951	15147	49.98
20	3948	787	456	5191	577	4545	0	5063	4643	-1029	13927	3	13930	2133	16063	49.98
21	4036	298	468	4802	476	4727	0	5188	4417	-992	13430	3	13433	2176	15609	49.97
22	4055	181	464	4700	415	4745	0	4929	4479	-1004	13335	3	13338	2171	15509	49.98
23	4028	103	475	4606	464	4699	0	4914	4233	-988	13014	3	13017	2090	15107	49.99
24	4018	102	467	4587	514	4709	0	4910	4439	-949	13300	3	13303	2053	15356	49.99
MUs	98.74	5.69	11.06	115.49	18.09	113.97	1.72	117.02	114.36	-18.23	345.40	0.09	345.48	47.55	393.03	49.99

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Mar/2016

Position as on 6.30 Hrs of 14/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
RGPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10	13/03/2016	10.48	Zero Schedule Given by MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14		Continued.	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17		Continued.	Due to Zero Schedule Given by MSEDCL.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
IPP	Adani U-3	660	09/03/2016	18.07	14/03/2016	01.29	Hydrogen cooler inlet valve flange leakage.	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evecuation Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Mar/2016

Position as on 6.30 Hrs of 14/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 9	80	10/03/2016	14.55		Continued.	GT buchhloz Alaram problem	
MSPGCL	Nasik Unit 3	210	11/03/2016	12.32		Continued.	Boiler Tube Leakage	
MSPGCL	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
MSPGCL	Bhusawal Unit 4	500	14/03/2016	04.48		Continued.	Electrical fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	12/03/2016	22.10	13/03/2016	01.44	EO	Protection card testing work
400 KV LINE Outages/Trippings							
Kolhapur Solapur(PG) I	InterState	12/03/2016	17.44	13/03/2016	07.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/03/2016	17.44		Continued.	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	13/03/2016	09.41		Continued.	PO	Insulator Replacement Work
Kolhapur Solapur (PG) II	InterState	13/03/2016	16.39		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over(outage taken on 2/3/2016 at 10.34hrs for commissioning of 765KV Ektuni S/Stn)
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Bhusawal-Aurangabad	IntraState	26/02/2016	17.08		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	12/03/2016	16.39	13/03/2016	09.57	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/03/2016	16.43	13/03/2016	09.59	HT	Over Voltage
Bus Coupler @ Padgha	IntraState	13/03/2016	10.02	13/03/2016	13.13	EO	To attend Hot Spot
karad -kolhapur-II	IntraState	13/03/2016	14.01		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/03/2016	16.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	12/03/2016	21.15	13/03/2016	04.59	PO	Testing Work
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar - Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Wadkhali - Ipcl 1	IntraState	09/03/2016	08.55		Continued.	PO	Conductor Stringing Work.
Shivajinagar - Satana	IntraState	12/03/2016	18.58	13/03/2016	14.44	T	Distance Protection
Chakan-Chinchwad	IntraState	12/03/2016	20.39	13/03/2016	05.17	PO	Conductor stringing work
Telco- Chinchwad	IntraState	12/03/2016	20.40	13/03/2016	05.18	PO	Conductor stringing work
Padghe - Kamba	IntraState	13/03/2016	06.51	13/03/2016	19.21	PO	Stringing of line on New M/C Tower
Dahanu Ghodbunder Line 1	IntraState	13/03/2016	08.09	13/03/2016	18.45	PO	Line Maintenance work
Trombay Dharavi 9	IntraState	13/03/2016	08.28	13/03/2016	14.54	EO	To attend Hot Spot
Trombay Dharavi 5	IntraState	13/03/2016	10.02	13/03/2016	17.06	EO	To attend Hot Spot
Chakan-Chinchwad	IntraState	13/03/2016	20.35	14/03/2016	04.28	PO	Conductor stringing work
Telco- Chinchwad	IntraState	13/03/2016	20.38	14/03/2016	04.29	PO	Conductor stringing work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage