

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Mar/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.804	784.156	1) Gujrat	-1.369	-26.015
2) Hydro	7.944	51.222	2) Madhya Pradesh	11.591	88.539
3) Gas	10.829	84.247	3) Chattisgarh	6.160	50.130
Total MSPGCL	122.577	919.625	4) Maharashtra Net	83.601	669.206
B) 1) APMIL	66.055	505.613	5) Goa (Amona)	-0.982	-6.202
2) JSWEL	27.943	192.615	6) TAPS 1&2 Injection	3.639	28.892
3) VIPL	13.003	93.511	7) RGPPL Injection	11.632	92.656
4) RPL(AMT)	17.298	124.892	8) Pench (MS)	0.304	0.814
5) WPCL	4.564	26.682	9) Pench (Excess)	-0.304	-0.814
6) Other IPP	7.605	66.660	Total	113.968	896.392
C) 1) TPCL Thermal	13.428	94.421	a) Mumbai Schedule	21.252	155.749
2) TPCL Hydro	3.703	25.703	b) Mumbai Drawl	24.156	205.768
3) TPCL Gas	3.989	32.341	c) MSEDCL Bilateral *	32.570	217.738
4) R-INFRA Thermal	11.597	88.180	Include PX	-1.935	-15.446
D) STATE			d) Mumbai Bilateral *	21.252	155.749
1) Thermal	265.297	1976.730	Include PX	2.799	23.027
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.647	76.925	H) ENERGY CATERED (MUs)		
3) Gas	14.818	116.588	1) MSEDCL	356.467	2688.479
4) Wind	6.251	58.631	2) Mumbai Discoms	56.869	446.411
6) SOLAR	1.359	9.626	TOTAL STATE	413.336	3134.890
TOTAL STATE	299.372	2238.500			

* 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 4 Hrs
MSPGCL Thermal	4679	4677	4496	3765
MSPGCL Hydro	946	804	322	90
MSPGCL Gas	446	412	442	464
MSPGCL Total Generation	6071	5893	5260	4319
Central Sector Receipt	5303	5009	4901	4072
WIND	53	31	361	312
CPP / IPP	5877	5894	5889	5275
SOLAR	169	193	0	0
Exchange with Mumbai	-1188	-1236	-1097	-681
MSEDCL DEMAND MET	16285	15784	15314	13297
Load Shedding	3	3	5	3
MSEDCL DEMAND	16288	15787	15319	13300
TPCL GENERATION	1153	1137	1086	583
R-INFRA GENERATION	514	517	518	402
MUMBAI DEMAND	2855	2890	2701	1666
STATE DEMAND MET	19140	18674	18015	14963
STATE DEMAND	19143	18677	18020	14966
Frequency (Hz)	49.96	49.90	49.97	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:00 Hrs	49.75 Hz at 16:16 Hrs	49.95	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 08/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	8.40	66.98	355	345
Total	8.40	70.99		
Bhusawal				
Unit 2	4.20	13.28	190	160
Unit 3	1.32	22.28	165	0
Unit 4	0.00	0.00	0	0
Unit 5	10.40	65.19	510	350
Total	15.93	100.75		
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	4.58	34.75	207	163
Unit 4	4.08	33.54	193	96
Unit 5	10.53	77.09	470	360
Unit 6	0.00	40.63	0	0
Unit 7	10.33	76.30	456	365
Total	29.52	262.30		
Paras				
Unit 3	5.70	27.11	253	207
Unit 4	0.26	5.61	127	0
Total	5.96	32.72		
Khaparkheda				
Unit 1	4.02	31.42	180	160
Unit 2	4.12	32.02	185	155
Unit 3	3.92	28.17	210	0
Unit 4	4.46	33.39	209	159
Unit 5	11.26	83.72	510	371
Total	27.77	208.72		
Nasik				
Unit 3	4.36	32.88	200	160
Unit 4	4.23	31.74	195	159
Unit 5	4.40	32.65	200	164
Total	12.99	97.27		
Uran				
All Units	10.83	84.25	479	412
Total	10.83	84.25		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.30	0.81	48	0
Total	0.30	0.81		
Koyna				
Stage 1-2	4.33	24.19	515	40
Stage 4	2.34	7.66	420	0
Stage 3	0.00	4.99	160	0
Total	6.67	36.84		
Hydro				
KDPH	0.00	2.09	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.93	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.70	40	0
RNGR+BHTSA	0.22	1.50	12	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.90	8.16	38	37
GHATGHAR	0.00	0.00	0	0
Total	1.27	14.38		
Wind				
Total	6.25	58.63	0	0
Total	6.25	58.63		
CPP				
APML(Mus)	66.06	505.61	0	0
JSWEL(Mus)	27.94	192.62	0	0
VIPL(Mus)	13.00	93.51	0	0
RPLAMT(Mus)	17.30	124.89	0	0
WPCL(Mus)	4.56	26.68	0	0
Other(Mus)	7.60	66.66	0	0
Total	136.47	1009.97		
SOLAR				
Total	1.36	9.63	0	0
Total	1.36	9.63		
Tata				
Trombay 5	9.68	73.48	490	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.47	20.05	114	78
Trombay 7B	1.52	12.29	67	56
Trombay 8	3.75	20.94	231	59
TATA Hydro	3.70	25.70	384	12
Total	21.12	152.46		
R-INFRA				
1-2	11.60	88.18	519	402
Total	11.60	88.18		

Infirm Power	Chandrapur 8	0.00	Koradi 9	3.23
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	103.80	784.16
MSPGCL Thml+Gas	114.63	868.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.94	51.22
MSPGCL Total	122.58	919.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.67	31.85
State Total	299.37	2238.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	3775	350	461	4586	377	5310	0	4422	4646	-1110	13809	4	13813	1993	15806	49.96
2	3797	244	474	4515	320	5265	0	4208	4525	-944	13681	3	13684	1810	15494	50.00
3	3781	90	461	4332	357	5270	0	4233	4396	-807	13548	3	13551	1735	15286	49.98
4	3765	90	464	4319	312	5275	0	4238	4072	-681	13297	3	13300	1666	14966	49.93
5	3781	110	471	4362	281	5290	0	4261	4193	-657	13469	3	13472	1669	15141	49.93
6	4058	110	462	4630	283	5509	0	4622	4645	-635	14432	3	14435	1776	16211	49.94
7	4311	442	467	5220	265	5829	0	4748	4755	-647	15422	3	15425	1941	17366	49.95
8	4456	732	479	5667	255	5854	21	4856	4916	-693	16020	3	16023	2031	18054	49.96
9	4493	914	469	5876	152	5843	73	4979	5145	-836	16253	3	16256	2269	18525	49.98
10	4634	704	470	5808	89	5889	129	5056	5075	-950	16040	3	16043	2601	18644	49.94
11	4679	946	446	6071	53	5877	169	5158	5303	-1188	16285	3	16288	2855	19143	49.96
12	4666	1049	429	6144	33	5891	186	5231	5091	-1227	16118	3	16121	2897	19018	49.92
13	4677	804	412	5893	31	5894	193	5214	5009	-1236	15784	3	15787	2890	18677	49.90
14	4674	512	420	5606	60	5887	192	5152	5024	-1293	15476	5	15481	2786	18267	49.98
15	4654	479	428	5561	113	5886	161	5149	5142	-1214	15649	5	15654	2813	18467	49.93
16	4631	677	442	5750	147	5885	123	5156	5131	-1188	15848	5	15853	2821	18674	49.92
17	4595	400	431	5426	249	5876	78	4996	4556	-1107	15078	5	15083	2786	17869	49.88
18	4276	98	437	4811	265	5700	32	4506	4783	-1112	14479	5	14484	2763	17247	49.93
19	4297	203	446	4946	307	5749	2	4237	4353	-988	14369	5	14374	2678	17052	49.95
20	4496	322	442	5260	361	5889	0	5043	4901	-1097	15314	5	15319	2701	18020	49.97
21	4511	77	448	5036	394	5874	0	5037	4880	-1145	15039	5	15044	2568	17612	49.98
22	4304	87	451	4842	526	5662	0	4855	4386	-1131	14285	5	14290	2402	16692	49.99
23	4246	82	459	4787	528	5589	0	4862	4517	-1171	14250	5	14255	2267	16522	49.92
24	4247	82	460	4789	493	5472	0	4732	4524	-1099	14179	5	14184	2155	16339	49.95
MUs	103.80	9.60	10.83	124.24	6.25	136.47	1.36	114.95	113.97	-24.16	358.13	0.10	358.22	56.87	415.10	49.95

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 08/Mar/2016

Position as on 6.30 Hrs of 09/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00		Continued.	oil filtration work.	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	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	Paras Unit 4	250	02/03/2016	22.50	08/03/2016	21.34	Air heater problem	
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	
MSPGCL	Bhusawal Unit 3	210	06/03/2016	11.11	08/03/2016	08.37	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Mar/2016

Position as on 6.30 Hrs of 09/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC_G	Trombay 8	250	07/03/2016	22.39	08/03/2016	02.31	Low Condenser Vaccum.	
MSPGCL	Koradi Unit 9	660	08/03/2016	05.20	08/03/2016	7.20	Boiler Metal Temp.High.	
MSPGCL	Bhusawal Unit 3	210	08/03/2016	17.16	08/03/2016	23.53	Air heater problem	
MSPGCL	Khaparkheda Unit 3	210	08/03/2016	22.07		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	09/03/2016	03.34		Continued.	Reheater Protection Operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	07/03/2016	17.10	08/03/2016	06.19	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/03/2016	18.12	08/03/2016	06.03	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/03/2016	17.47		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	09/03/2016	03.10		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-II	IntraState	05/03/2016	16.36	08/03/2016	10.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/03/2016	16.10	08/03/2016	09.19	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/03/2016	22.03	08/03/2016	08.52	HT	Over Voltage
Akola - Bhusawal	IntraState	08/03/2016	11.18	08/03/2016	17.31	PO	Taken on TBC for Breaker CRM.
Koradi-Khaperkheda li	IntraState	08/03/2016	12.11	08/03/2016	22.58	PO	Taken on TBC for Breaker CRM.
karad -kolhapur-I	IntraState	08/03/2016	16.09		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/03/2016	16.37		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/03/2016	21.20		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	09/03/2016	06.06		Continued.	EO	Attending Hot Spot
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
Khadka-Chalisgaon-1	IntraState	29/02/2016	10:08		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Khadka-Chalisgaon-2	IntraState	29/02/2016	10:14		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Pigasus-Hinjewadi-II	IntraState	04/03/2016	10.00		Continued.	PO	Overhauling of CB.on TBC
Chinchwad-Hinjewadi I	IntraState	07/03/2016	20.13	08/03/2016	05.22	HT	For Chinchwad Outage.
Telco- Chinchwad	IntraState	07/03/2016	20.21	08/03/2016	05.16	PO	Erection of Narow Base M/C Tower.
Chakan-Chinchwad	IntraState	07/03/2016	20.22	08/03/2016	05.15	PO	Erection of Narow Base M/C Tower.
Flagship-Nandedcity	IntraState	08/03/2016	05.23	08/03/2016	20.44	HT	For Chinchwad Outage.
Beed-Patoda Ckt 2	IntraState	08/03/2016	08.03	08/03/2016	18.50	PO	For Making Line LILO @ 220KV Manjarsumbha S/S/.
Nerle - Dasgaon	IntraState	08/03/2016	09.41	08/03/2016	17.40	PO	Restraining of B Ph Conductor Between Loc no 129-130 due to Low Ground Clearance.
Talandage(400kv) - Five Star Midc	IntraState	08/03/2016	10.18	08/03/2016	12.03	PO	Bay Maintenance Work.

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pandharpur - Hiwarwada	IntraState	08/03/2016	16.34	08/03/2016	20.27	PO	For Making of LILO to 220KV Bhalwani S/S.
Chinchwad-Hinjewadi I	IntraState	08/03/2016	20.32	09/03/2016	05.38	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	08/03/2016	20.47	09/03/2016	05.31	PO	Erection of Narow Base M/C Tower.
Telco- Chinchwad	IntraState	08/03/2016	20.49	09/03/2016	05.32	PO	Erection of Narow Base M/C Tower.
Flagship-Nandedcity	IntraState	09/03/2016	05.41		Continued.	HT	For Chinchwad Outage.
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)
132 KV LINE Outages/Trippings							
Paras-Patur	IntraState	08/03/2016	11.32	08/03/2016	11.50	T	Distance Protection
Paras-Akot	IntraState	08/03/2016	11.32	08/03/2016	11.50	T	Distance Protection
Anjangaon - Akot	IntraState	08/03/2016	11.32	08/03/2016	11.51	T	Distance Protection
Chikhli-Dhad	IntraState	08/03/2016	19.01	08/03/2016	19.10	T	Distance Protection

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