

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Mar/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.207	108.207	1) Gujrat	-5.320	-5.320
2) Hydro	4.332	4.332	2) Madhya Pradesh	8.157	8.157
3) Gas	10.577	10.577	3) Chattisgarh	5.400	5.400
Total MSPGCL	123.116	123.116	4) Maharashtra Net	82.715	82.715
B) 1) APML	60.654	60.654	5) Goa (Amona)	-0.584	-0.584
2) JSWEL	24.762	24.762	6) TAPS 1&2 Injection	3.565	3.565
3) VIPL	10.276	10.276	7) RGPPL Injection	11.633	11.633
4) RPL(AMT)	14.319	14.319	8) Pench (MS)	0.062	0.062
5) WPCL	4.993	4.993	9) Pench (Excess)	-0.062	-0.062
6) Other IPP	8.844	8.844	Total	105.504	105.504
C) 1) TPCL Thermal	9.990	9.990	a) Mumbai Schedule	17.399	17.399
2) TPCL Hydro	3.849	3.849	b) Mumbai Drawl	28.836	28.836
3) TPCL Gas	3.862	3.862	c) MSEDCL Bilateral *	27.936	27.936
4) R-INFRA Thermal	10.574	10.574	Include PX	0.000	0.000
D) STATE			d) Mumbai Bilateral *	17.399	17.399
1) Thermal	252.619	252.619	Include PX	3.226	3.226
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.181	8.181	H) ENERGY CATERED (MUs)		
3) Gas	14.439	14.439	1) MSEDCL	333.617	333.617
4) Wind	9.020	9.020	2) Mumbai Discoms	57.111	57.111
6) SOLAR	0.965	0.965	TOTAL STATE	390.728	390.728
TOTAL STATE	285.224	285.224			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4567	4527	4424	4336
MSPGCL Hydro	351	225	304	104
MSPGCL Gas	424	431	435	456
MSPGCL Total Generation	5342	5183	5163	4896
Central Sector Receipt	5363	5314	4707	2843
WIND	374	302	513	470
CPP / IPP	5459	5439	5316	4809
SOLAR	154	179	0	0
Exchange with Mumbai	-1344	-1319	-1485	-690
MSEDCL DEMAND MET	15348	15098	14214	12328
Load Shedding	4	4	5	4
MSEDCL DEMAND	15352	15102	14219	12332
TPCL GENERATION	1109	1103	863	497
R-INFRA GENERATION	513	517	403	404
MUMBAI DEMAND	2966	2939	2751	1591
STATE DEMAND MET	18314	18037	16965	13919
STATE DEMAND	18318	18041	16970	13923
Frequency (Hz)	49.95	49.96	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:00 Hrs	49.75 Hz at 05:10 Hrs	49.96	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 01/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	4.01	4.01	175	112
Unit 8	8.88	8.88	402	350
Total	12.89	12.89		
Bhusawal				
Unit 2	1.70	1.70	170	0
Unit 3	4.01	4.01	180	155
Unit 4	0.00	0.00	0	0
Unit 5	9.37	9.37	500	350
Total	15.08	15.08		
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	4.16	4.16	202	164
Unit 4	4.11	4.11	197	160
Unit 5	9.19	9.19	475	355
Unit 6	9.09	9.09	430	360
Unit 7	9.11	9.11	460	345
Total	35.66	35.66		
Paras				
Unit 3	4.57	4.57	232	0
Unit 4	2.81	2.81	225	0
Total	7.38	7.38		
Khaparkheda				
Unit 1	3.84	3.84	175	145
Unit 2	3.91	3.91	185	160
Unit 3	3.92	3.92	184	161
Unit 4	3.93	3.93	192	158
Unit 5	9.84	9.84	500	364
Total	25.44	25.44		
Nasik				
Unit 3	3.96	3.96	170	160
Unit 4	3.90	3.90	165	158
Unit 5	3.90	3.90	169	157
Total	11.76	11.76		
Uran				
All Units	10.58	10.58	457	421
Total	10.58	10.58		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	0.06	23	0
Total	0.06	0.06		
Koyna				
Stage 1-2	2.02	2.02	305	40
Stage 4	0.58	0.58	212	0
Stage 3	0.00	0.00	0	0
Total	2.61	2.61		
Hydro				
KDPH	0.42	0.42	18	17
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	0.30	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.01	1.01	42	41
GHATGHAR	0.00	0.00	0	0
Total	1.72	1.72		
Wind				
Total	9.02	9.02	0	0
Total	9.02	9.02		
CPP				
APML(Mus)	60.65	60.65	0	0
JSWEL(Mus)	24.76	24.76	0	0
VIPL(Mus)	10.28	10.28	0	0
RPLAMT(Mus)	14.32	14.32	0	0
WPCL(Mus)	4.99	4.99	0	0
Other(Mus)	8.84	8.84	0	0
Total	123.85	123.85		
SOLAR				
Total	0.96	0.96	0	0
Total	0.96	0.96		
Tata				
Trombay 5	9.99	9.99	493	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.37	2.37	122	61
Trombay 7B	1.49	1.49	69	50
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.85	3.85	444	3
Total	17.70	17.70		
R-INFRA				
1-2	10.57	10.57	519	402
Total	10.57	10.57		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.21	108.21
MSPGCL Thml+Gas	118.78	118.78

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.33	4.33
MSPGCL Total	123.12	123.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.61	2.61
State Total	285.22	285.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4320	98	455	4873	398	4796	0	4499	3690	-1052	12705	5	12710	1924	14634	49.98
2	4323	103	457	4883	419	4812	0	3872	3465	-833	12746	4	12750	1720	14470	50.00
3	4335	109	446	4890	353	4819	0	3459	3021	-738	12345	4	12349	1637	13986	49.95
4	4336	104	456	4896	470	4809	0	3192	2843	-690	12328	4	12332	1591	13923	49.95
5	4340	104	457	4901	570	4826	0	3143	2941	-701	12537	4	12541	1599	14140	49.92
6	4456	139	456	5051	575	4898	0	3852	3553	-806	13271	4	13275	1705	14980	49.93
7	4501	114	454	5069	469	4930	0	4853	4545	-956	14057	4	14061	1856	15917	49.99
8	4782	99	447	5328	558	5118	9	5004	4918	-1054	14877	4	14881	2008	16889	50.02
9	4967	104	450	5521	440	5412	52	5065	4426	-1185	14666	4	14670	2325	16995	50.00
10	4987	124	453	5564	366	5451	93	4978	4812	-1293	14993	4	14997	2666	17663	49.97
11	4760	149	429	5338	342	5469	143	5161	4954	-1376	14870	4	14874	2900	17774	49.98
12	4567	351	424	5342	374	5459	154	5253	5363	-1344	15348	4	15352	2966	18318	49.95
13	4527	225	431	5183	302	5439	179	5205	5314	-1319	15098	4	15102	2939	18041	49.96
14	4442	189	432	5063	188	5373	135	5155	4853	-1286	14326	5	14331	2827	17158	49.95
15	4990	370	421	5781	184	5610	73	5174	4570	-1382	14836	5	14841	2830	17671	49.94
16	4673	215	423	5311	335	5630	57	5183	5206	-1477	15062	5	15067	2847	17914	49.96
17	4484	245	427	5156	248	5428	51	5146	5051	-1479	14455	5	14460	2857	17317	49.97
18	4435	190	429	5054	261	5306	19	4135	4127	-1418	13349	5	13354	2789	16143	49.92
19	4432	576	440	5448	464	5299	0	3782	3883	-1439	13655	5	13660	2729	16389	49.95
20	4424	304	435	5163	513	5316	0	5074	4707	-1485	14214	5	14219	2751	16970	49.96
21	4403	105	434	4942	413	5037	0	5051	4822	-1471	13743	5	13748	2643	16391	49.97
22	4383	105	443	4931	347	4894	0	4599	4505	-1439	13238	5	13243	2500	15743	49.96
23	4202	110	443	4755	219	4869	0	4619	5716	-1335	14224	5	14229	2330	16559	49.98
24	4138	100	435	4673	212	4850	0	4319	4219	-1278	12676	5	12681	2172	14853	49.96
MUs	108.21	4.33	10.58	123.12	9.02	123.85	0.96	109.77	105.50	-28.84	333.62	0.11	333.72	57.11	390.84	49.96

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 01/Mar/2016

Position as on 6.30 Hrs of 02/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana 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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
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	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34	01/03/2016	12.36	Overhauling	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
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.	
CENT.SECTOR	TARAPUR 4	540	21/02/2016	10:33		Continued.	Transient Electric fault in Nuclear reactor.	
MSPGCL	Paras Unit 4	250	28/02/2016	11.53	01/03/2016	09.40	Furnace Pressure High	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Bhusawal Unit 2	210	01/03/2016	10.13		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	01/03/2016	13.09		Continued.	Gas Pressure Low.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Mar/2016

Position as on 6.30 Hrs of 02/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 3	250	01/03/2016	22.09		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 02/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	29/02/2016	17.16	01/03/2016	09.18	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	29/02/2016	18.07	01/03/2016	07.51	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/03/2016	17.10		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	01/03/2016	20.31		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
karad -kolhapur-II	IntraState	29/02/2016	16.13	01/03/2016	09.35	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/03/2016	07.50	01/03/2016	16.51	PO	Replacement of Insulator String.
Bhusawal-Aurangabad	IntraState	01/03/2016	09.10		Continued.	PO	89 C Isolator Maintenance Work(RFC @ 20.56 Hrs).
Chandrapur - Khaperkheda	IntraState	01/03/2016	11.45		Continued.	EO	To Attend Hot Spot(RFC @ 19.27 Hrs).
karad -kolhapur-I	IntraState	01/03/2016	16.19		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/03/2016	17.51		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/03/2016	20.39		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 105 Mva Bhel Spare Ict 1 @Nagothane	IntraState	29/02/2016	11.04	01/03/2016	11.04	PO	Replacement of Radiators.
400/220kv 315 Mva ICT I @Karad	IntraState	01/03/2016	10.15	01/03/2016	16.59	PO	Diagnostic Testing.
400/220kv 315MVA ICT-III @ Kharghar	IntraState	01/03/2016	11.55	01/03/2016	16.28	EO	Replacement of OTI &WTI Meter.
400/220kv 315 Mva ICT III @Karad	IntraState	01/03/2016	16.59	01/03/2016	17.21	T	Differential protection
400/220kv 315 Mva ICT II @Karad	IntraState	01/03/2016	16.59	01/03/2016	17.25	T	Differential protection
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	01/03/2016	21.36		Continued.	T	NDR
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Nasik Navsari I	InterState	01/03/2016	18.32	01/03/2016	19.04	T	Distance Protection
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.
Pirangut - Hinjewadi I	IntraState	29/02/2016	11.38		Continued.	PO	Taken On TBC for Breaker Overhauling.
Warora - Wardha	IntraState	29/02/2016	20.52	01/03/2016	04.52	T	Distance Protection
Chinchwad- Parvati	IntraState	01/03/2016	11.17	01/03/2016	12.47	PO	Diagnostic Testing Line Ideally Charged from C'Wad End
Karad - Sadawagpur I	IntraState	01/03/2016	11.55		Continued.	PO	Maintenanace of CT.
Butibori - VIPL Ckt I	IntraState	01/03/2016	12.17	01/03/2016	18.04	PO	Y Phase CT Replacement 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 01/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 02/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Badnera Tss-li	IntraState	01/03/2016	15.05	01/03/2016	17.45	PO	Diagnostic Testing of CT & Routine Maintenance Work.
Chinchwad-Hinjewadi I	IntraState	01/03/2016	20.25	02/03/2016	05.51	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	01/03/2016	20.30	02/03/2016	05.37	PO	Erection of Narow Base M/C Tower.
Telco- Chinchwad	IntraState	01/03/2016	20.37	02/03/2016	04.57	PO	Erection of Narow Base M/C Tower.
Pusad - Hingoli	IntraState	01/03/2016	20.56	01/03/2016	21.45	T	Backup Protection Operated O/C & E/F.
Flagship-Nandedcity	IntraState	02/03/2016	05.47		Continued.	HT	For Chinchwad Outage.
satara MIDC- Malharpeth	IntraState	02/03/2016	09.53	01/03/2016	14.07	PO	CB,CT Testing.
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)
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	15/02/2016	13.04		Continued.	PO	Work of Oil Filtration of ICT.
220/33kV 100 MVA ICT-II @ Boisar	IntraState	20/02/2016	14.51		Continued.	T	Differential Protn.Optd./Internal Fault.Declared Faulty.
132 KV LINE Outages/Trippings							
Padegaon-Pishor	IntraState	01/03/2016	00.50	01/03/2016	02.22	T	B Phase PT Burst of Padegaon Ckt.
Mansar-Pench	IntraState	01/03/2016	11.34	01/03/2016	17.35	T	Distance Protection

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