

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Mar/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.667	399.035	1) Gujrat	-4.218	-14.900
2) Hydro	6.097	25.078	2) Madhya Pradesh	12.941	41.955
3) Gas	10.552	40.559	3) Chattisgarh	7.240	25.980
Total MSPGCL	111.316	464.672	4) Maharashtra Net	84.295	337.235
B) 1) APLM	59.757	247.114	5) Goa (Amona)	-0.630	-2.474
2) JSWEL	20.735	89.881	6) TAPS 1&2 Injection	3.557	14.399
3) VIPL	10.305	43.931	7) RGPPL Injection	11.637	46.015
4) RPL(AMT)	14.134	58.479	8) Pench (MS)	0.060	0.355
5) WPCL	2.550	14.525	9) Pench (Excess)	-0.060	-0.355
6) Other IPP	8.533	34.011	Total	114.762	447.855
C) 1) TPCL Thermal	8.636	40.731	a) Mumbai Schedule	19.934	79.318
2) TPCL Hydro	4.097	16.051	b) Mumbai Drawl	30.898	117.090
3) TPCL Gas	4.178	16.204	c) MSEDCL Bilateral *	26.579	109.148
4) R-INFRA Thermal	9.972	43.223	Include PX	-1.392	-3.322
D) STATE			d) Mumbai Bilateral *	19.934	79.318
1) Thermal	229.289	970.930	Include PX	3.892	14.504
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.194	41.129	H) ENERGY CATERED (MUs)		
3) Gas	14.730	56.763	1) MSEDCL	318.674	1315.958
4) Wind	6.212	28.167	2) Mumbai Discoms	57.781	233.299
6) SOLAR	1.268	4.413	TOTAL STATE	376.455	1549.257
TOTAL STATE	261.693	1101.402			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3873	3833	3882	3998
MSPGCL Hydro	294	624	585	141
MSPGCL Gas	436	408	457	449
MSPGCL Total Generation	4603	4865	4924	4588
Central Sector Receipt	5354	5056	5227	4155
WIND	365	135	268	126
CPP / IPP	5009	4578	5030	4630
SOLAR	95	121	0	0
Exchange with Mumbai	-1471	-1312	-1505	-805
MSEDCL DEMAND MET	13955	13443	13944	12694
Load Shedding	4	4	4	4
MSEDCL DEMAND	13959	13447	13948	12698
TPCL GENERATION	803	1063	819	560
R-INFRA GENERATION	404	405	401	404
MUMBAI DEMAND	2678	2780	2725	1769
STATE DEMAND MET	16633	16223	16669	14463
STATE DEMAND	16637	16227	16673	14467
Frequency (Hz)	49.96	49.91	49.98	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:01 Hrs	49.7 Hz at 12:14 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 04/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	8.38	34.20	353	330
Total	8.38	38.21		
Bhusawal				
Unit 2	0.00	1.70	0	0
Unit 3	3.95	15.16	170	160
Unit 4	0.00	0.00	0	0
Unit 5	8.55	35.08	360	350
Total	12.50	51.94		
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	4.09	17.03	199	161
Unit 4	4.03	16.84	190	161
Unit 5	9.03	37.50	485	350
Unit 6	8.91	36.72	420	338
Unit 7	8.92	37.25	475	355
Total	34.98	145.33		
Paras				
Unit 3	5.25	10.06	252	193
Unit 4	0.00	5.35	0	0
Total	5.25	15.41		
Khaparkheda				
Unit 1	3.84	15.48	175	150
Unit 2	3.92	15.80	175	155
Unit 3	0.80	12.72	162	0
Unit 4	3.94	15.97	193	159
Unit 5	9.22	40.42	500	360
Total	21.72	100.38		
Nasik				
Unit 3	3.99	15.90	170	165
Unit 4	3.92	15.15	172	159
Unit 5	3.93	15.73	167	158
Total	11.84	46.79		
Uran				
All Units	10.55	40.56	457	408
Total	10.55	40.56		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	0.36	23	0
Total	0.06	0.36		
Koyna				
Stage 1-2	2.60	10.12	435	40
Stage 4	0.46	3.87	200	0
Stage 3	0.61	2.49	160	0
Total	3.66	16.48		
Hydro				
KDPH	0.61	2.09	35	0
VTRNA	0.00	0.00	0	0
TILLARI	0.19	0.57	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	1.02	40	0
RNGR+BHTSA	0.16	0.61	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.18	4.30	50	49
GHATGHAR	0.00	0.00	0	0
Total	2.44	8.60		
Wind				
Total	6.21	28.17	0	0
Total	6.21	28.17		
CPP				
APML(Mus)	59.76	247.11	0	0
JSWEL(Mus)	20.74	89.88	0	0
VIPL(Mus)	10.30	43.93	0	0
RPLAMT(Mus)	14.13	58.48	0	0
WPCL(Mus)	2.55	14.52	0	0
Other(Mus)	8.53	34.01	0	0
Total	116.01	487.94		
SOLAR				
Total	1.27	4.41	0	0
Total	1.27	4.41		
Tata				
Trombay 5	8.64	36.40	493	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.60	10.04	114	104
Trombay 7B	1.57	6.16	67	64
Trombay 8	0.00	4.33	0	0
TATA Hydro	4.10	16.05	398	0
Total	16.91	72.99		
R-INFRA				
1-2	9.97	43.22	516	401
Total	9.97	43.22		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	94.67	399.04
MSPGCL Thml+Gas	105.22	439.59

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.10	25.08
MSPGCL Total	111.32	464.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.05	13.99
State Total	261.69	1101.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Mar/2016

Annexure-2

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	4002	302	440	4744	182	4652	0	4829	4883	-1219	13242	4	13246	2131	15377	49.92
2	4004	157	450	4611	154	4617	0	4696	4878	-1067	13193	4	13197	1956	15153	49.95
3	4006	147	440	4593	151	4613	0	4745	4343	-948	12752	4	12756	1838	14594	49.96
4	4031	141	450	4622	120	4613	0	4444	4247	-884	12718	4	12722	1776	14498	49.91
5	3998	141	449	4588	126	4630	0	4079	4155	-805	12694	4	12698	1769	14467	49.89
6	3939	145	441	4525	144	4957	0	4552	4462	-921	13167	4	13171	1846	15017	49.91
7	4283	140	449	4872	250	5209	0	4843	4587	-996	13922	4	13926	1975	15901	49.94
8	4389	140	448	4977	409	5309	6	4935	4501	-1102	14100	4	14104	2110	16214	49.96
9	4311	146	445	4902	199	5192	38	5108	4739	-1355	13715	4	13719	2410	16129	49.99
10	3873	294	436	4603	365	5009	95	5232	5354	-1471	13955	4	13959	2678	16637	49.96
11	3879	339	433	4651	553	5135	153	5339	4884	-1555	13821	4	13825	2806	16631	49.95
12	3851	239	446	4536	572	4832	193	5200	4776	-1449	13460	4	13464	2822	16286	49.90
13	3829	183	433	4445	420	4587	199	4878	4996	-1426	13221	4	13225	2822	16047	49.92
14	3838	173	433	4444	304	4587	190	4787	4854	-1386	12993	4	12997	2727	15724	49.98
15	3830	263	437	4530	163	4586	166	4789	5092	-1322	13215	4	13219	2774	15993	49.94
16	3833	624	408	4865	135	4578	121	5039	5056	-1312	13443	4	13447	2780	16227	49.91
17	3845	335	439	4619	149	4587	87	5177	5164	-1449	13157	4	13161	2797	15958	49.96
18	3826	518	445	4789	263	4547	19	4385	4440	-1528	12530	4	12534	2717	15251	49.98
19	3849	588	452	4889	328	4623	1	4319	4444	-1486	12799	4	12803	2675	15478	49.95
20	3882	585	457	4924	268	5030	0	5232	5227	-1505	13944	4	13948	2725	16673	49.98
21	3865	225	444	4534	289	5164	0	5169	5164	-1540	13611	4	13615	2621	16236	49.98
22	3875	94	426	4395	288	5172	0	4976	4923	-1540	13238	4	13242	2459	15701	50.03
23	3829	89	433	4351	214	4919	0	4970	4816	-1420	12880	4	12884	2339	15223	49.94
24	3800	89	418	4307	166	4867	0	4832	4777	-1212	12905	4	12909	2228	15137	49.93
MUs	94.67	6.10	10.55	111.32	6.21	116.01	1.27	116.55	114.76	-30.90	318.67	0.10	318.77	57.78	376.55	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 04/Mar/2016

Position as on 6.30 Hrs of 05/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								
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	
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	
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	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	Bhusawal Unit 2	210	01/03/2016	10.13		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	01/03/2016	13.09	04/03/2016	18.43	Gas Pressure Low.	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
IPP	JSW (J) U3	300	02/03/2016	13.45		Continued.	Cooling Water Leakage.	
MSPGCL	Paras Unit 4	250	02/03/2016	22.50		Continued.	Air heater problem	
CPP	WPCL U-4	135	03/03/2016	00.01		Continued.	ESP BACK FILTER MAINTENANCE. WORK.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Mar/2016

Position as on 6.30 Hrs of 05/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	03/03/2016	20.25		Continued.	main steam line leakage	
MSPGCL	Khaparkheda Unit 3	210	04/03/2016	05.10		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 05/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	03/03/2016	13.47	04/03/2016	10.03	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	03/03/2016	18.07	04/03/2016	07.18	HT	Over Voltage
Akola Wardha I	InterState	04/03/2016	09.47	04/03/2016	14.03	PO	Insulator Replacement Work
Akola Wardha li	InterState	04/03/2016	15.12	04/03/2016	18.25	HT	insulator string replace
Dhule Sar'Sarovar I	InterState	04/03/2016	16.14		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	04/03/2016	17.09		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-Jaigad - I	IntraState	02/03/2016	16.34		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	03/03/2016	09.50	04/03/2016	09.49	PO	Maintenance Work RFC at 20.30 hrs
N.Koyna-Karad -Ckt I	IntraState	03/03/2016	12.08		Continued.	PO	Attend hot spot RFC at 14.45
karad -kolhapur-I	IntraState	03/03/2016	16.32		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	04/03/2016	10.41	04/03/2016	20.35	PO	insulator string decapped at kalwa
Padghe - Talegaon (PG)	IntraState	04/03/2016	11.50		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	04/03/2016	18.11		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	04/03/2016	07.33	04/03/2016	12.36	PO	Attending Oil Leakage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	04/03/2016	10.37	04/03/2016	14.30	T	Differential protection
400/220kv 315 Mva ICT I @Karad	IntraState	04/03/2016	19.01	04/03/2016	20.16	T	Differential protection
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Talandage - Chikodi	InterState	04/03/2016	12.41	04/03/2016	14.17	T	Isolator maintenance work
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.
Lonikand (400 Kv)-Theur I	IntraState	03/03/2016	10.40		Continued.	PO	shifted on TBC
Dahanu-Viraj	IntraState	03/03/2016	21.51	04/03/2016	00.24	T	Distance Protection
Bhigwan-Baramat lagro	IntraState	04/03/2016	08.00	04/03/2016	19.07	PO	Stringng work at GANTRY
Wadkhal - Ndil 2	IntraState	04/03/2016	09.42		Continued.	PO	Safty purpose
Niwali - Pawas Line	IntraState	04/03/2016	09.55	04/03/2016	16.40	PO	Insulator Cleaning 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 04/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Kamba	IntraState	04/03/2016	09.56	04/03/2016	17.27	PO	jumpering work of bus isolator
Pigasus-Hinjewadi-II	IntraState	04/03/2016	10.00		Continued.	PO	Overhauling of CB.on TBC
Kharghar Trombay	IntraState	04/03/2016	10.50	04/03/2016	11.01	T	Distance Protection
Wadkhal - Ipcl 2	IntraState	04/03/2016	16.45		Continued.	PO	conductor strining 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)
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	05/03/2016	00.17	T	Differential Protn.Optd./Internal Fault.Declared Faulty.
220/22 Kv 50 Mva Cgl Ptr 1 @Kalwa	IntraState	01/03/2016	16.04		Continued.	T	Differential Protection OLTC Buculzze Tripped,Decalred Faulty.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	04/03/2016	09.48	04/03/2016	16.19	PO	Testing Work

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