

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Mar/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.768	590.482	1) Gujrat	-2.977	-20.835
2) Hydro	4.672	36.307	2) Madhya Pradesh	11.717	64.277
3) Gas	10.990	62.459	3) Chattisgarh	5.710	37.340
Total MSPGCL	108.430	689.248	4) Maharashtra Net	79.060	502.377
B) 1) APML	62.876	375.557	5) Goa (Amona)	-0.866	-4.260
2) JSWEL	25.237	137.813	6) TAPS 1&2 Injection	3.649	21.611
3) VIPL	11.750	68.212	7) RGPPL Injection	11.714	69.336
4) RPL(AMT)	15.612	91.216	8) Pench (MS)	0.057	0.439
5) WPCL	2.531	19.585	9) Pench (Excess)	-0.057	-0.439
6) Other IPP	8.419	51.098	Total	107.950	669.407
C) 1) TPCL Thermal	14.189	67.801	a) Mumbai Schedule	16.072	116.465
2) TPCL Hydro	0.121	18.374	b) Mumbai Drawl	18.156	160.095
3) TPCL Gas	4.018	24.321	c) MSEDCL Bilateral *	24.983	153.771
4) R-INFRA Thermal	10.789	65.349	Include PX	-1.571	-12.244
D) STATE			d) Mumbai Bilateral *	16.072	116.465
1) Thermal	244.171	1467.113	Include PX	0.479	17.906
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	4.793	54.681	H) ENERGY CATERED (MUs)		
3) Gas	15.008	86.780	1) MSEDCL	335.758	1992.682
4) Wind	9.827	43.725	2) Mumbai Discoms	47.273	335.940
6) SOLAR	1.282	6.916	TOTAL STATE	383.031	2328.622
TOTAL STATE	275.081	1659.215			

* 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 4 Hrs
MSPGCL Thermal	4729	4309	3766	3868
MSPGCL Hydro	233	95	416	118
MSPGCL Gas	453	433	445	478
MSPGCL Total Generation	5415	4837	4627	4464
Central Sector Receipt	4951	4791	5124	4106
WIND	132	252	773	496
CPP / IPP	5740	5532	5141	4762
SOLAR	123	111	0	0
Exchange with Mumbai	-580	-598	-1039	-648
MSEDCL DEMAND MET	15781	14925	14626	13180
Load Shedding	4	5	5	4
MSEDCL DEMAND	15785	14930	14631	13184
TPCL GENERATION	906	871	731	666
R-INFRA GENERATION	518	518	403	404
MUMBAI DEMAND	2004	1987	2173	1718
STATE DEMAND MET	17785	16912	16799	14898
STATE DEMAND	17789	16917	16804	14902
Frequency (Hz)	49.96	49.99	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 14.03 Hrs	49.74 Hz at 06.48 Hrs	49.97	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 06/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	7.92	50.13	333	330
Total	7.92	54.14		
Bhusawal				
Unit 2	3.29	4.99	180	32
Unit 3	1.82	20.96	175	0
Unit 4	0.00	0.00	0	0
Unit 5	9.31	54.35	510	350
Total	14.42	80.30		
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	4.32	25.87	203	164
Unit 4	4.30	25.54	197	165
Unit 5	9.93	56.54	485	360
Unit 6	0.00	40.63	0	0
Unit 7	9.42	56.27	453	347
Total	27.96	204.84		
Paras				
Unit 3	0.00	15.70	254	190
Unit 4	0.00	5.35	0	0
Total	0.00	21.06		
Khaparkheda				
Unit 1	3.97	23.50	180	150
Unit 2	4.02	23.89	180	160
Unit 3	4.29	19.93	206	161
Unit 4	4.28	24.70	207	157
Unit 5	10.40	61.89	510	365
Total	26.96	153.91		
Nasik				
Unit 3	4.14	24.29	200	160
Unit 4	4.08	23.40	196	155
Unit 5	4.09	24.07	200	160
Total	12.31	71.76		
Uran				
All Units	10.99	62.46	479	432
Total	10.99	62.46		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	0.44	23	0
Total	0.06	0.44		
Koyna				
Stage 1-2	2.54	15.91	330	40
Stage 4	0.27	4.63	207	0
Stage 3	0.42	3.96	80	0
Total	3.22	24.50		
Hydro				
KDPH	0.00	2.09	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.18	0.93	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.42	40	0
RNGR+BHTSA	0.23	1.05	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.92	6.30	39	38
GHATGHAR	0.00	0.00	0	0
Total	1.45	11.80		
Wind				
Total	9.83	43.72	0	0
Total	9.83	43.72		
CPP				
APML(Mus)	62.88	375.56	0	0
JSWEL(Mus)	25.24	137.81	0	0
VIPL(Mus)	11.75	68.21	0	0
RPLAMT(Mus)	15.61	91.22	0	0
WPCL(Mus)	2.53	19.58	0	0
Other(Mus)	8.42	51.10	0	0
Total	126.42	743.48		
SOLAR				
Total	1.28	6.92	0	0
Total	1.28	6.92		
Tata				
Trombay 5	9.00	54.94	488	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.49	15.08	114	89
Trombay 7B	1.53	9.24	67	58
Trombay 8	5.19	12.86	243	189
TATA Hydro	0.12	18.37	38	0
Total	18.33	110.50		
R-INFRA				
1-2	10.79	65.35	519	402
Total	10.79	65.35		

Infirm Power	Chandrapur 8	0.00	Koradi 9	3.20
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	92.77	590.48
MSPGCL Thml+Gas	103.76	652.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.67	36.31
MSPGCL Total	108.43	689.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.80	20.54
State Total	275.08	1659.22

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 06/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	3827	93	478	4398	404	5182	0	4854	4561	-977	13568	4	13572	2048	15620	50.00
2	3788	78	468	4334	616	4868	0	4754	4557	-820	13555	4	13559	1887	15446	49.97
3	3824	78	477	4379	677	4765	0	4367	4245	-715	13351	4	13355	1783	15138	49.99
4	3868	118	478	4464	496	4762	0	3856	4106	-648	13180	4	13184	1718	14902	49.96
5	3917	298	470	4685	384	4773	0	3741	4168	-617	13393	4	13397	1685	15082	49.99
6	4006	225	477	4708	360	5093	0	4203	4393	-657	13897	4	13901	1727	15628	49.96
7	4282	105	468	4855	247	5348	0	4730	4901	-630	14721	4	14725	1752	16477	49.94
8	4402	95	479	4976	219	5599	19	4617	4727	-412	15128	4	15132	1801	16933	49.96
9	4663	250	469	5382	129	5736	65	4372	4283	-461	15134	4	15138	1878	17016	49.99
10	4729	233	453	5415	132	5740	123	4365	4951	-580	15781	4	15785	2004	17789	49.96
11	4693	460	455	5608	100	5743	155	4359	4597	-692	15511	4	15515	2113	17628	49.94
12	4485	560	450	5495	40	5743	174	4340	4608	-696	15364	4	15368	2116	17484	49.90
13	4491	380	432	5303	36	5743	209	4417	4129	-713	14707	4	14711	2121	16832	49.93
14	4439	132	436	5007	65	5669	158	4494	4458	-686	14671	5	14676	2070	16746	50.00
15	4283	105	446	4834	113	5540	162	4615	4582	-639	14592	5	14597	2019	16616	50.02
16	4309	95	433	4837	252	5532	111	4707	4791	-598	14925	5	14930	1987	16917	49.99
17	3844	90	443	4377	484	5457	73	4721	4571	-754	14208	5	14213	1955	16168	49.97
18	3695	90	438	4223	536	5320	31	4261	3696	-848	12958	5	12963	1938	14901	49.99
19	3701	90	460	4251	664	5146	2	4160	4121	-830	13354	5	13359	1963	15322	49.96
20	3766	416	445	4627	773	5141	0	4811	5124	-1039	14626	5	14631	2173	16804	49.99
21	3798	238	456	4492	799	5088	0	4667	4813	-1087	14105	5	14110	2190	16300	49.98
22	3788	169	455	4412	833	4956	0	4345	4460	-1064	13597	5	13602	2164	15766	49.98
23	3782	127	464	4373	766	4729	0	4278	4548	-1013	13403	5	13408	2117	15525	49.95
24	3751	147	460	4358	702	4752	0	4401	4560	-980	13392	5	13397	2064	15461	49.96
MUs	98.13	4.67	10.99	113.79	9.83	126.43	1.28	106.43	107.95	-18.16	341.12	0.11	341.23	47.27	388.50	49.97

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 06/Mar/2016

Position as on 6.30 Hrs of 07/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	Bhusawal Unit 2	210	01/03/2016	10.13	06/03/2016	00.00	Boiler Tube Leakage	
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		Continued.	Air heater problem	
CPP	WPCL U-4	135	03/03/2016	00.01		Continued.	ESP BACK FILTER MAINTENANCE. WORK.	
MSPGCL	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Mar/2016

Position as on 6.30 Hrs of 07/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 07/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	06/03/2016	20.00	06/03/2016	21.00	HT	Sparking on capacitive Bank at Padghe end
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	05/03/2016	17.45	06/03/2016	06.57	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/03/2016	19.05		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/03/2016	16.52	07/03/2016	06.01	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
karad -kolhapur-II	IntraState	05/03/2016	16.36		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/03/2016	21.54	06/03/2016	09.32	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	06/03/2016	08.16	06/03/2016	23.00	PO	Insulator Replacement Work
Lonikand I - Koyna stage-IV	IntraState	06/03/2016	17.41		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	06/03/2016	23.07		Continued.	EO	To attend Hot Spot
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	05/03/2016	16.36	06/03/2016	22.31	PO	Tertiary bushing replacement (upto 06-03-2016)
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Badnera - Deoli (PG)	InterState	06/03/2016	17.56	06/03/2016	18.29	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).
Bableswhar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableswhar- 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
Chakan-Chinchwad	IntraState	05/03/2016	21.09	06/03/2016	05.32	PO	Erection of Narrow Base M/C Tower
Telco- Chinchwad	IntraState	05/03/2016	21.10	06/03/2016	05.33	PO	Erection of Narrow Base M/C Tower
Nanded - Parli Ext. Ckt I	IntraState	06/03/2016	08.35	06/03/2016	17.18	PO	Re-orientation work
Dahanu Ghodbunder Line 2	IntraState	06/03/2016	08.47	06/03/2016	17.41	PO	Replacement of CT Junction Box
Chakan (400kv)-Bridgestone	IntraState	06/03/2016	09.19	06/03/2016	16.50	PO	For removing Bunching arrangement
Talegaon (Ambi)-General Motors	IntraState	06/03/2016	09.30	06/03/2016	13.10	PO	Annual Maintenance Work
Salsette Borivli 1	IntraState	06/03/2016	10.25	06/03/2016	19.44	PO	Testing 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 06/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 07/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pophali - Nerale	IntraState	06/03/2016	15.10	06/03/2016	15.30	T	Distance Protection
Hinganghat - Hinganghat Rly TSS-2	IntraState	06/03/2016	19.41		Continued.	T	O/C, E/F (Trial taken 20.29 Hrs but failed)
Chakan-Chinchwad	IntraState	06/03/2016	20.12	07/03/2016	05.24	PO	Erection of Narrow Base M/C Tower
Telco- Chinchwad	IntraState	06/03/2016	20.15	07/03/2016	05.26	PO	Erection of Narrow Base M/C Tower
Nanded-Ghatodi	IntraState	06/03/2016	22.11	06/03/2016	22.27	T	Distance Protection
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.
132 KV LINE Outages/Trippings							
Hinganghat-Ismt-Ckt1	IntraState	06/03/2016	19.41	06/03/2016	20.45	T	Directional O/C E/F operated

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