

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Mar/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.605	792.139	1) Gujrat	0.265	1.673
2) Hydro	14.224	81.110	2) Madhya Pradesh	14.076	79.910
3) Gas	10.555	63.058	3) Chattisgarh	8.430	49.030
Total MSPGCL	148.384	936.307	4) Maharashtra Net	135.717	815.930
B) 1) APML	73.708	442.017	5) Goa (Amona)	-0.616	-3.950
2) JSWEL	17.742	82.703	Total	157.872	942.593
3) VIPL	6.321	39.186	a) Mumbai Schedule	20.066	120.319
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.975	133.522
5) WPCL	4.607	21.556	c) MSEDCL Bilateral *	38.170	228.634
6) PGPL	0.000	0.000	Include PX	8.457	57.566
7) Other IPP	5.910	37.052	d) Mumbai Bilateral *	20.066	120.319
C) 1) TPCL Thermal	13.773	89.293	Include PX	8.483	49.411
2) TPCL Hydro	4.974	23.842	Include Standby	0.000	0.000
3) TPCL Gas	4.547	26.087	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.438	63.267	1) MSEDCL	400.431	2413.359
D) STATE			2) Mumbai Discoms	56.707	336.006
1) Thermal	256.104	1567.213	TOTAL STATE	457.138	2749.365
(A1+C1+C4+(B1-B6))					
2) Hydro	19.198	104.952			
(A2+C2)					
3) Gas	15.102	89.145			
(A3+B6+C3)					
4) Wind	7.467	37.323			
6) SOLAR	1.395	8.144			
TOTAL STATE	299.266	1806.777			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5229	5140	5318	4606
MSPGCL Hydro	1583	1770	340	202
MSPGCL Gas	422	422	429	452
MSPGCL Total Generation	7234	7332	6087	5260
Central Sector Receipt	7384	7322	6721	5464
WIND	95	257	428	287
CPP / IPP Thermal	4580	4600	4571	4486
CPP / IPP Gas	0	0	0	0
SOLAR	193	207	5	0
Exchange with Mumbai	-1286	-1149	-1288	-517
MSEDCL DEMAND MET	18200	18569	16524	14980
Load Shedding	0	0	0	0
MSEDCL DEMAND	18200	18569	16524	14980
TPCL GENERATION	1128	1255	1001	694
R-INFRA GENERATION	502	508	386	386
MUMBAI DEMAND	2916	2912	2675	1597
STATE DEMAND MET	21116	21481	19199	16577
STATE DEMAND	21116	21481	19199	16577
Frequency (Hz)	49.99	49.94	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 07:02 Hrs	49.71 Hz at 18:39 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/2017

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	0.00	0	0
Unit 8	13.66	84.02	620	490
Unit 9	4.83	51.16	400	0
Unit 10	0.00	0.00	0	0
Total	18.48	135.17		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	10.37	65.30	510	360
Unit 5	10.38	65.48	510	360
Total	20.75	139.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.66	33.40	250	190
Unit 7	5.59	32.00	252	194
Unit 8	0.00	0.00	0	0
Total	11.25	65.40		
Chandrapur				
Unit 3	4.42	27.09	195	163
Unit 4	0.00	14.90	0	0
Unit 5	10.11	61.00	455	365
Unit 6	9.97	60.24	435	370
Unit 7	0.00	0.00	0	0
Unit 8	8.50	11.32	390	270
Unit 9	2.97	48.89	365	0
Total	35.97	223.44		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.81	34.51	258	198
Total	5.81	34.51		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	4.18	18.32	200	160
Unit 3	4.29	26.27	202	160
Unit 4	4.09	25.35	190	160
Unit 5	10.18	65.54	500	379
Total	22.74	141.80		
Nasik				
Unit 3	4.29	25.98	200	165
Unit 4	4.31	26.01	201	164
Unit 5	0.00	0.00	0	0
Total	8.60	51.98		
Uran				
All Units	10.56	63.06	453	422
Total	10.56	63.06		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	0.76	17	0
Total	0.05	0.76		
Koyna				
Stage 1-2	3.40	19.49	480	40
Stage 4	2.56	18.30	752	0
Stage 3	1.18	8.20	160	0
Total	7.15	45.99		
Hydro				
KDPH	0.86	5.18	36	36
VTRNA	1.37	5.67	58	43
TILLARI	0.49	2.83	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.31	40	0
RNGR+BHTSA	0.26	1.83	11	10
BHANDARDRA	0.51	2.91	40	13
ELDARY	0.26	0.60	12	11
SMLHY_PTN	0.80	3.51	34	33
GHATGHAR	2.32	11.28	250	0
Total	7.08	35.12		
Wind				
Total	7.47	37.32	0	0
Total	7.47	37.32		
CPP				
APML(Mus)	73.71	442.02	0	0
JSWEL(Mus)	17.74	82.70	0	0
VIPL(Mus)	6.32	39.19	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.61	21.56	0	0
Other(Mus)	5.91	37.05	0	0
Total	108.29	622.51		
SOLAR				
Total	1.40	8.14	0	0
Total	1.40	8.14		
Tata				
Trombay 5	8.51	57.16	491	234
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	16.75	123	120
Trombay 7B	1.63	9.34	69	67
Trombay 8	5.27	32.13	248	198
TATA Hydro	4.97	23.84	459	16
Total	23.29	139.22		
R-INFRA				
1-2	10.44	63.27	511	386
Total	10.44	63.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.60	792.14	MSPGCL Total	148.38	936.31
			MSPGCL Thml+Gas	134.16	855.20	Koyna 1,2 & 4 Total	5.96	37.79
			MSPGCL Hydro	14.22	81.11	State Total	299.27	1806.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Mar/2017

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			THM	GAS										
1	4738	642	440	5820	190	4121	0	0	5965	6226	-765	15592	0	15592	1857	17449	49.99
2	4949	238	451	5638	160	4380	0	0	6041	5657	-637	15198	0	15198	1719	16917	49.97
3	4733	212	452	5397	173	4518	0	0	5981	5569	-564	15093	0	15093	1643	16736	49.98
4	4606	202	452	5260	287	4486	0	0	5825	5464	-517	14980	0	14980	1597	16577	49.98
5	4592	207	453	5252	327	4478	0	0	5927	5715	-520	15252	0	15252	1601	16853	50.01
6	5054	303	451	5808	303	4506	0	0	5985	6018	-597	16038	0	16038	1708	17746	50.00
7	5553	504	452	6509	338	4570	0	0	6381	6507	-520	17404	0	17404	1895	19299	49.96
8	5313	699	444	6456	272	4559	0	14	7113	6987	-495	17793	0	17793	2099	19892	50.00
9	5187	803	452	6442	211	4573	0	75	7331	7687	-658	18330	0	18330	2355	20685	49.97
10	5177	635	441	6253	247	4604	0	122	6876	6906	-828	17304	0	17304	2694	19998	49.92
11	5176	1031	448	6655	157	4590	0	159	7006	7232	-1172	17621	0	17621	2880	20501	49.93
12	5229	1583	422	7234	95	4580	0	193	7438	7384	-1286	18200	0	18200	2916	21116	49.99
13	5140	1770	422	7332	257	4600	0	207	7447	7322	-1149	18569	0	18569	2912	21481	49.94
14	5168	1142	428	6738	409	4613	0	187	7211	7366	-1031	18282	0	18282	2817	21099	49.98
15	5312	1117	429	6858	539	4642	0	176	7180	6883	-1048	18050	0	18050	2835	20885	49.93
16	5326	705	422	6453	530	4619	0	134	7630	7464	-1115	18085	0	18085	2840	20925	49.92
17	5303	383	426	6112	485	4618	0	89	7271	7350	-1302	17352	0	17352	2812	20164	49.94
18	5163	458	437	6058	449	4595	0	34	6477	6671	-1331	16476	0	16476	2736	19212	49.99
19	5318	340	429	6087	428	4571	0	5	6483	6721	-1288	16524	0	16524	2675	19199	49.94
20	5333	335	448	6116	444	4521	0	0	6552	6257	-1308	16030	0	16030	2698	18728	50.01
21	5315	299	445	6059	390	4454	0	0	6462	6180	-1313	15770	0	15770	2547	18317	49.97
22	5200	202	432	5834	304	4187	0	0	6423	6429	-1267	15487	0	15487	2416	17903	49.96
23	5303	207	445	5955	233	4373	0	0	6215	6046	-1206	15401	0	15401	2312	17713	49.96
24	5417	207	434	6058	239	4529	0	0	6088	5831	-1058	15599	0	15599	2143	17742	49.97
MUs	123.60	14.22	10.56	148.38	7.47	108.29	0.00	1.39	159.31	157.87	-22.97	400.43	0.00	400.43	56.71	457.14	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/2017

Position as on 6.30 Hrs of 07/Mar/2017

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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Koyna Unit 7	80	10/02/2017	11.20		Continued.	Maintenance Work.	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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 PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Mar/2017

Position as on 6.30 Hrs of 07/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	
MSPGCL	Chandrapur Unit 4	210	04/03/2017	05.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	05/03/2017	15.17	06/03/2017	11.00	Low furnace pressure	
MSPGCL	Koradi Unit 9	660	06/03/2017	07.14	06/03/2017	16.05	Turbine Tripped.	
MSPGCL	Chandrapur Unit 9	500	06/03/2017	11.24	06/03/2017	14.09	Low furnace pressure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 07/Mar/2017

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	05/03/2017	18.36	06/03/2017	06.51	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/03/2017	20.12	07/03/2017	07.16	HT	Over Voltage
karad -kolhapur-II	IntraState	05/03/2017	17.13	06/03/2017	06.47	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	05/03/2017	17.15	06/03/2017	06.48	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/03/2017	20.57	06/03/2017	06.46	HT	Over Voltage
karad -kolhapur-I	IntraState	06/03/2017	12.02	06/03/2017	15.16	PO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	06/03/2017	18.17	07/03/2017	06.14	HT	Over Voltage
karad -kolhapur-I	IntraState	06/03/2017	20.26	07/03/2017	06.38	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	06/03/2017	09.28	06/03/2017	20.40	PO	For Daignostic testing.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	06/03/2017	15.52	06/03/2017	20.23	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
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.
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24	06/03/2017	17.54	PO	protection panel replacement work.
Kharghar - Tss Panvel	IntraState	05/03/2017	08.16		Continued.	PO	Removal of bunching to from TSS -PGPL line.
Kharghar-PGPL	IntraState	05/03/2017	08.35		Continued.	EO	Removal of bunching to from TSS -PGPL line.
Main Bus-I@Versova	IntraState	06/03/2017	07.21	06/03/2017	17.30	PO	Insulator Jumper Connection Work.
New Koyana - Loteparshuram	IntraState	06/03/2017	10.00	06/03/2017	15.20	PO	Routine Maintenance Work
Mumewadi-Belewadi	IntraState	06/03/2017	10.28	06/03/2017	14.27	PO	Routine Maintenance Work
Uran - Apta IV	IntraState	06/03/2017	10.31	06/03/2017	12.38	PO	PID Work.
Wadkhal - Ndil3	IntraState	06/03/2017	11.35	06/03/2017	16.30	PO	Attending Hot Spot
Kandalgaon - Koyana	IntraState	06/03/2017	13.42	06/03/2017	15.45	PO	Feddeer for crossing work.
Adlabs - Pedambe	IntraState	06/03/2017	16.09	06/03/2017	19.32	PO	Dhamanad Feddeer for Crossing Work.
Mahad - Pedambe	IntraState	06/03/2017	16.19	06/03/2017	19.33	PO	Dhamanad Feddeer for Crossing 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)
110 KV LINE Outages/Trippings							
Kalwa Kalyan	IntraState	06/03/2017	09.23	06/03/2017	18.34	PO	Routine Maintenance Work

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