State Load Despatch Center,Airoli (MSETCL) Statement I

Daily system Report for 03/Mar/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	**Daily**	**Monthly**	**E) InterState Exchanges**	**Daily**	**Monthly**
1) Thermal	134.678	415.730	1) Gujrat	0.374	1.939
2) Hydro	11.491	45.595	2) Madhya Pradesh	15.034	37.124
3) Gas	10.501	31.423	3) Chattisgarh	8.270	23.600
Total MSPGCL	**156.670**	**492.748**	4) Maharashtra Net	137.376	408.147
B) 1) APML	73.648	222.361	5) Goa (Amona)	-0.686	-2.010
2) JSWEL	11.542	30.149			
3) VIPL	6.377	20.565			
4) RPL(AMT)	0.000	0.000			
5) WPCL	2.531	9.340			
6) PGPL	0.000	0.000	**Total**	**160.368**	**468.800**
7) Other IPP	6.565	19.241	a) Mumbai Schedule	21.701	65.278
C) 1) TPCL Thermal	14.765	46.195	b) Mumbai Drawl	24.170	71.908
2) TPCL Hydro	4.521	14.289			
3) TPCL Gas	4.513	12.467	c) MSEDCL Bilateral *	38.917	111.990
4) R-INFRA Thermal	10.556	32.124	Include PX	11.122	28.020
D) STATE			d) Mumbai Bilateral *	21.701	65.278
1) Thermal (A1+C1+C4+(B1-B6))	260.662	795.705	Include PX	9.861	28.430
			Include Standby	0.000	0.000
2) Hydro (A2+C2)	16.012	59.884	**H) ENERGY CATERED (MUs)**		
3) Gas (A3+B6+C3)	15.014	43.890	1) MSEDCL	401.112	1211.901
4) Wind	6.262	16.640	2) Mumbai Discoms	58.525	176.988
6) SOLAR	1.319	3.965			
TOTAL STATE	**299.269**	**920.084**	**TOTAL STATE**	**459.637**	**1388.889**

* 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 3 Hrs
MSPGCL Thermal	5878	5905	5175	5403
MSPGCL Hydro	1178	819	342	126
MSPGCL Gas	423	428	431	440
MSPGCL Total Generation	7479	7152	5948	5969
Central Sector Receipt	7511	7644	6819	5592
WIND	147	99	515	216
CPP / IPP Thermal	4245	4222	4309	4184
CPP / IPP Gas	0	0	0	0
SOLAR	182	191	0	0
Exchange with Mumbai	-1103	-1108	-1335	-718
MSEDCL DEMAND MET	**18461**	**18200**	**16256**	**15243**
Load Shedding	0	0	0	0
MSEDCL DEMAND	18461	18200	16256	15243
TPCL GENERATION	1387	1335	1020	689
R-INFRA GENERATION	507	509	387	388
MUMBAI DEMAND	**2997**	**2952**	**2742**	**1795**
STATE DEMAND MET	21458	21152	18998	17038
STATE DEMAND	**21458**	**21152**	**18998**	**17038**
Frequency (Hz)	49.93	49.99	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.01 Hrs	49.77 Hz at 11.07 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**

State Load Despatch Center,Airoli (MSETCL) Annexure-1

Daily and Progressive Generation,Maximum,Minimum for 03/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	14.73	42.71	660	580
Unit 9	9.41	28.47	410	374
Unit 10	0.00	0.00	0	0
Total	**24.14**	**71.17**		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.13	9.06	170	0
Unit 4	10.69	33.92	510	370
Unit 5	10.65	33.86	510	370
Total	**22.47**	**76.83**		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.55	16.88	255	199
Unit 7	5.41	15.81	252	194
Unit 8	0.00	0.00	0	0
Total	**10.96**	**32.68**		
Chandrapur				
Unit 3	4.56	13.92	200	163
Unit 4	4.55	13.92	198	175
Unit 5	9.97	31.18	445	365
Unit 6	10.04	30.63	457	351
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	10.29	28.12	455	395
Total	**39.41**	**117.76**		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.63	17.68	256	200
Total	**5.63**	**17.68**		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	4.00	6.07	190	150
Unit 3	4.17	13.39	200	160
Unit 4	4.22	12.92	190	160
Unit 5	10.94	34.73	505	385
Total	**23.33**	**73.43**		
Nasik				
Unit 3	4.38	13.03	200	165
Unit 4	4.35	13.13	203	166
Unit 5	0.00	0.00	0	0
Total	**8.73**	**26.16**		
Uran				
All Units	10.50	31.42	461	417
Total	**10.50**	**31.42**		
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)	0.19	0.47	37	0
Total	**0.19**	**0.47**		
Koyna				
Stage 1-2	2.46	10.84	475	40
Stage 4	2.40	13.29	752	0
Stage 3	1.59	5.44	160	0
Total	**6.45**	**29.57**		
Hydro				
KDPH	0.86	2.59	36	36
VTRNA	0.94	1.93	60	0
TILLARI	0.49	1.35	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	0.74	77	0
RNGR+BHTSA	0.33	1.01	14	13
BHANDARDRA	0.52	1.38	39	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	1.66	24	23
GHATGHAR	1.08	5.37	125	0
Total	**5.04**	**16.02**		
Wind				
Total	6.26	16.64	0	0
Total	**6.26**	**16.64**		
CPP				
APML(Mus)	73.65	222.36	0	0
JSWEL(Mus)	11.54	30.15	0	0
VIPL(Mus)	6.38	20.56	0	0
RPLAMT(Mus	0.00	0.00	0	0
WPCL(Mus)	2.53	9.34	0	0
Other(Mus)	6.56	19.24	0	0
Total	**100.66**	**301.66**		
SOLAR				
Total	1.32	3.96	0	0
Total	**1.32**	**3.96**		
Tata				
Trombay 5	9.46	29.91	491	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.88	8.02	123	119
Trombay 7B	1.63	4.45	69	67
Trombay 8	5.30	16.29	249	196
TATA Hydro	4.52	14.29	459	37
Total	**23.80**	**72.95**		
R-INFRA				
1-2	10.56	32.12	511	386
Total	**10.56**	**32.12**		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	134.68	415.73
MSPGCL Thml+Gas	145.18	447.15
MSPGCL Hydro	11.49	45.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	156.67	492.75
Koyna 1,2 & 4 Total	4.86	24.13
State Total	299.27	920.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Mar/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5839	126	439	6404	213	4169	0	0	6080	6178	-894	16070	0	16070	2038	18108	49.99
2	5797	141	450	6388	223	4230	0	0	5947	5558	-798	15601	0	15601	1898	17499	49.98
3	5403	126	440	5969	216	4184	0	0	5847	5592	-718	15243	0	15243	1795	17038	49.97
4	5329	141	442	5912	200	4046	0	0	5743	5871	-663	15366	0	15366	1741	17107	49.97
5	5512	126	451	6089	172	4040	0	0	5795	6023	-656	15668	0	15668	1732	17400	49.98
6	5940	322	452	6714	77	4180	0	0	5840	5730	-532	16169	0	16169	1828	17997	49.97
7	5929	1300	443	7672	69	4210	0	0	6195	6356	-485	17822	0	17822	2012	19834	49.97
8	5881	1490	451	7822	101	4183	0	14	7120	7045	-566	18599	0	18599	2138	20737	50.01
9	5916	945	461	7322	74	4210	0	60	7564	7349	-715	18300	0	18300	2350	20650	49.93
10	5916	606	448	6970	123	4210	0	118	7106	7032	-933	17520	0	17520	2698	20218	49.96
11	5916	571	425	6912	140	4220	0	153	7424	6975	-1114	17286	0	17286	2961	20247	49.99
12	5878	1178	423	7479	147	4245	0	182	7827	7511	-1103	18461	0	18461	2997	21458	49.93
13	5905	819	428	7152	99	4222	0	191	7836	7644	-1108	18200	0	18200	2952	21152	49.99
14	5911	470	417	6798	110	4201	0	181	7837	7775	-1093	17972	0	17972	2853	20825	50.02
15	5903	451	420	6774	204	4293	0	166	7892	7577	-1164	17850	0	17850	2906	20756	49.95
16	5878	310	418	6606	256	4331	0	133	7918	7787	-1214	17899	0	17899	2918	20817	49.94
17	5687	257	423	6367	355	4365	0	86	7778	7446	-1358	17261	0	17261	2899	20160	49.98
18	5295	455	425	6175	412	4320	0	35	6796	6816	-1393	16365	0	16365	2844	19209	49.97
19	5276	479	438	6193	419	4298	0	0	6660	6391	-1373	15928	0	15928	2717	18645	49.96
20	5175	342	431	5948	515	4309	0	0	6638	6819	-1335	16256	0	16256	2742	18998	50.00
21	5133	269	444	5846	601	4295	0	0	6418	6291	-1339	15694	0	15694	2592	18286	49.96
22	5101	199	436	5736	560	3983	0	0	6325	6291	-1321	15249	0	15249	2446	17695	49.99
23	5079	184	436	5699	559	3872	0	0	6294	5989	-1198	14921	0	14921	2284	17205	49.99
24	5079	184	460	5723	417	4047	0	0	6375	6322	-1097	15412	0	15412	2184	17596	49.98
MUs	**134.68**	**11.49**	**10.50**	**156.67**	**6.26**	**100.66**	**0.00**	**1.32**	**163.26**	**160.37**	**-24.17**	**401.11**	**0.00**	**401.11**	**58.53**	**459.64**	**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 03/Mar/2017

Position as on 6.30 Hrs of 04/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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 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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
RGPPL	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	JSW (J) U1	300	16/11/2016	14.38	03/03/2017	13.40	Due To CW Duct Leakage.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 03/Mar/2017

Position as on 6.30 Hrs of 04/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	
PGPL	PGPL U2	126	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	Chandrapur Unit-8	500	27/02/2017	12.24		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	01/03/2017	16.51		Continued.	Flame Failure	
MSPGCL	Khaparkheda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Ghatghar Unit-1	125	02/03/2017	21.45	04/03/2017	01.30	C W Booster Pump Damage.	
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	

State Load Despatch Center,Airoli (MSETCL)

Statement-VII

Details of Line outages/Trippings for 03/Mar/2017

Position as on 6.30 Hrs of 04/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 II	InterState	02/03/2017	21.27	03/03/2017	06.31	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/03/2017	09.04		Continued.	PO	Maintenance by WRLDC.
Nagothane - Dabhol-II	IntraState	28/02/2017	13.26	03/03/2017	14.36	T	DP TRIP.
Bhusawal-Aurangabad	IntraState	02/03/2017	21.24	03/03/2017	06.55	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/03/2017	18.12		Continued.	HT	Over Voltage
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.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
Jambhul - Anandnagar	IntraState	03/03/2017	06.10	03/03/2017	17.15	PO	Routine Maintenance Work
sawangi-Phulambri	IntraState	03/03/2017	08.05	03/03/2017	10.45	T	Distance Protection
Apta - Taloja	IntraState	03/03/2017	08.41	03/03/2017	13.15	PO	Diagnostic Testing Work.
Uran - Kharghar I	IntraState	03/03/2017	09.05	03/03/2017	17.23	PO	Taken on TBC for Diagnostic Testing of C B.
sawangi-Phulambri	IntraState	03/03/2017	11.10	03/03/2017	20.06	HT	For Padegaon-Sawangi Outage.
ACCIL - Apta	IntraState	03/03/2017	11.23	03/03/2017	14.55	PO	Line Signature Analysis Test.
220KV Sawangi- Bhokardan	IntraState	03/03/2017	11.25	03/03/2017	19.58	HT	For Padegaon-Sawangi Outage.
Padegaon-Sawangi	IntraState	03/03/2017	11.36	03/03/2017	19.38	PO	Diagnostic Testing Work.
Wadkhal - Ndil3	IntraState	03/03/2017	12.15	03/03/2017	14.00	HT	Emergency H/T for Sparking @ NDIL.
Sawantwadi-Bidri	IntraState	03/03/2017	12.16	03/03/2017	16.54	PO	Diagnostic Testing Work.
Kalwa - Siemens	IntraState	03/03/2017	12.20	03/03/2017	12.45	HT	Construction Work.
Kalwa - Mulund 1	IntraState	03/03/2017	13.03	03/03/2017	17.51	HT	Construction Work.
Khaparkheda-Ambazari-I	IntraState	03/03/2017	13.56	03/03/2017	16.49	PO	Attending Hot Spot
Pirangut - Hinjawadi 2	IntraState	03/03/2017	14.18	03/03/2017	17.28	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	03/03/2017	14.21	03/03/2017	17.56	PO	Replace Damage Armouring of Top Hp & Remove Loose Arcing Horn,Fixing Cross Arm Angle Piece,Bottom Ph Nut to D.
Mururd - Tuljapur	IntraState	03/03/2017	16.44	03/03/2017	20.01	PO	Measurement of Breaker Timings & Tan Delta of CT.
Talandage - Sawantwadi I	IntraState	03/03/2017	16.55	03/03/2017	20.23	PO	Testing 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)
132 KV LINE Outages/Trippings							
Anjangaon - Akot	IntraState	03/03/2017	10.50	03/03/2017	17.39	HT	To Control Balapur Akt L/L.

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