

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Mar/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.087	544.817	1) Gujrat	-0.563	1.376
2) Hydro	10.558	56.153	2) Madhya Pradesh	14.845	51.969
3) Gas	10.558	41.981	3) Chattisgarh	8.700	32.300
Total MSPGCL	150.203	642.951	4) Maharashtra Net	139.954	548.101
B) 1) APML	74.067	296.428	5) Goa (Amona)	-0.684	-2.694
2) JSWEL	17.195	47.344	Total	162.252	631.052
3) VIPL	6.211	26.776	a) Mumbai Schedule	19.828	85.107
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.365	93.273
5) WPCL	3.297	12.637	c) MSEDCL Bilateral *	41.718	153.708
6) PGPL	0.000	0.000	Include PX	12.703	40.722
7) Other IPP	5.737	24.978	d) Mumbai Bilateral *	19.828	85.107
C) 1) TPCL Thermal	14.964	61.159	Include PX	7.622	36.052
2) TPCL Hydro	3.839	18.128	Include Standby	0.000	0.000
3) TPCL Gas	4.533	17.000	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.273	42.397	1) MSEDCL	405.060	1616.961
D) STATE			2) Mumbai Discoms	54.964	231.952
1) Thermal	260.831	1056.536	TOTAL STATE	460.024	1848.913
(A1+C1+C4+(B1-B6))					
2) Hydro	14.397	74.281			
(A2+C2)					
3) Gas	15.091	58.981			
(A3+B6+C3)					
4) Wind	6.070	22.710			
6) SOLAR	1.393	5.358			
TOTAL STATE	297.782	1217.866			

* 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	5688	5697	5116	5082
MSPGCL Hydro	878	885	480	139
MSPGCL Gas	415	419	434	442
MSPGCL Total Generation	6981	7001	6030	5663
Central Sector Receipt	7604	7707	6686	6002
WIND	44	63	468	274
CPP / IPP Thermal	4474	4484	4519	4201
CPP / IPP Gas	0	0	0	0
SOLAR	189	198	0	0
Exchange with Mumbai	-923	-949	-1208	-668
MSEDCL DEMAND MET	18369	18504	16495	15472
Load Shedding	0	0	0	0
MSEDCL DEMAND	18369	18504	16495	15472
TPCL GENERATION	1344	1308	966	696
R-INFRA GENERATION	494	501	387	387
MUMBAI DEMAND	2761	2758	2561	1751
STATE DEMAND MET	21130	21262	19056	17223
STATE DEMAND	21130	21262	19056	17223
Frequency (Hz)	49.93	49.92	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 20.59 Hrs	49.78 Hz at 09.20 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 04/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	13.94	56.65	660	519
Unit 9	9.33	37.80	402	350
Unit 10	0.00	0.00	0	0
Total	23.28	94.45		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	10.60	44.52	510	365
Unit 5	10.70	44.56	510	370
Total	21.30	98.13		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.48	22.36	255	196
Unit 7	5.30	21.11	245	191
Unit 8	0.00	0.00	0	0
Total	10.79	43.47		
Chandrapur				
Unit 3	4.50	18.41	200	163
Unit 4	0.98	14.90	192	0
Unit 5	10.16	41.34	455	362
Unit 6	10.01	40.63	445	354
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	11.17	39.29	492	441
Total	36.82	154.58		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.52	23.20	261	193
Total	5.52	23.20		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	3.98	10.06	180	145
Unit 3	4.29	17.68	200	160
Unit 4	4.20	17.12	190	160
Unit 5	10.35	45.08	500	380
Total	22.82	96.26		
Nasik				
Unit 3	4.32	17.35	200	170
Unit 4	4.26	17.39	203	160
Unit 5	0.00	0.00	0	0
Total	8.58	34.74		
Uran				
All Units	10.56	41.98	456	415
Total	10.56	41.98		
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)	0.17	0.63	25	0
Total	0.17	0.63		
Koyna				
Stage 1-2	2.44	13.28	450	40
Stage 4	1.31	14.61	407	0
Stage 3	0.56	6.00	80	0
Total	4.32	33.89		
Hydro				
KDPH	0.86	3.46	36	36
VTRNA	0.99	2.92	59	0
TILLARI	0.50	1.85	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	0.97	70	0
RNGR+BHTSA	0.29	1.31	13	12
BHANDARDRA	0.51	1.88	22	21
ELDARY	0.06	0.06	11	0
SMLHY_PTN	0.54	2.20	23	22
GHATGHAR	2.24	7.61	250	0
Total	6.24	22.26		
Wind				
Total	6.07	22.71	0	0
Total	6.07	22.71		
CPP				
APML(Mus)	74.07	296.43	0	0
JSWEL(Mus)	17.20	47.34	0	0
VIPL(Mus)	6.21	26.78	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.30	12.64	0	0
Other(Mus)	5.74	24.98	0	0
Total	106.51	408.16		
SOLAR				
Total	1.39	5.36	0	0
Total	1.39	5.36		
Tata				
Trombay 5	9.63	39.54	489	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	10.92	122	119
Trombay 7B	1.63	6.08	69	67
Trombay 8	5.33	21.62	249	200
TATA Hydro	3.84	18.13	426	23
Total	23.34	96.29		
R-INFRA				
1-2	10.27	42.40	509	386
Total	10.27	42.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.09	544.82	MSPGCL Total	150.20	642.95
			MSPGCL Thml+Gas	139.64	586.80	Koyna 1,2 & 4 Total	3.76	27.89
			MSPGCL Hydro	10.56	56.15	State Total	297.78	1217.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5060	184	438	5682	275	4192	0	0	6152	6341	-922	15568	0	15568	2005	17573	49.97
2	5087	134	449	5670	322	4267	0	0	6032	6167	-760	15666	0	15666	1844	17510	49.96
3	5082	139	442	5663	274	4201	0	0	5955	6002	-668	15472	0	15472	1751	17223	49.98
4	5112	144	452	5708	260	4205	0	0	5917	6085	-611	15647	0	15647	1696	17343	49.97
5	5210	133	455	5798	285	4391	0	0	5920	5741	-597	15618	0	15618	1681	17299	49.99
6	5493	412	454	6359	237	4431	0	0	5940	6020	-638	16409	0	16409	1757	18166	50.00
7	5678	708	445	6831	190	4477	0	0	6579	6567	-424	17641	0	17641	1872	19513	50.01
8	5723	548	456	6727	120	4502	0	18	7411	7233	-387	18213	0	18213	1935	20148	49.99
9	5711	600	450	6761	41	4484	0	66	7615	7586	-613	18325	0	18325	2227	20552	50.00
10	5686	751	433	6870	43	4484	0	126	7115	6992	-770	17745	0	17745	2482	20227	49.97
11	5669	804	454	6927	31	4472	0	165	7156	7189	-928	17856	0	17856	2741	20597	49.97
12	5688	878	415	6981	44	4474	0	189	7931	7604	-923	18369	0	18369	2761	21130	49.93
13	5697	885	419	7001	63	4484	0	198	7917	7707	-949	18504	0	18504	2758	21262	49.92
14	5706	522	417	6645	135	4502	0	190	7828	7737	-856	18353	0	18353	2627	20980	49.96
15	5670	379	420	6469	185	4595	0	178	7924	8085	-1004	18508	0	18508	2649	21157	49.93
16	5682	344	441	6467	207	4581	0	139	8042	7944	-1088	18250	0	18250	2645	20895	49.95
17	5594	342	423	6359	255	4602	0	90	7618	7375	-1070	17611	0	17611	2632	20243	49.95
18	5555	291	422	6268	307	4576	0	33	6621	6511	-1006	16689	0	16689	2566	19255	49.99
19	5183	318	441	5942	347	4565	0	1	6520	6262	-1092	16025	0	16025	2533	18558	49.97
20	5116	480	434	6030	468	4519	0	0	6563	6686	-1208	16495	0	16495	2561	19056	49.98
21	4980	267	449	5696	551	4507	0	0	6620	6392	-1368	15778	0	15778	2491	18269	50.00
22	4907	250	449	5606	548	4516	0	0	6523	6070	-1281	15459	0	15459	2364	17823	49.99
23	4890	355	450	5695	454	4293	0	0	6051	5935	-1134	15243	0	15243	2242	17485	49.94
24	4908	690	450	6048	428	4185	0	0	5932	6021	-1068	15614	0	15614	2154	17768	49.97
MUs	129.09	10.56	10.56	150.20	6.07	106.51	0.00	1.39	163.88	162.25	-21.37	405.06	0.00	405.06	54.97	460.03	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 04/Mar/2017

Position as on 6.30 Hrs of 05/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Mar/2017

Position as on 6.30 Hrs of 05/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	05/03/2017	10.19	Boiler Tube Leakage	
CPP	SWPGL U-3	135	01/03/2017	16.51	04/03/2017	12.00	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	
MSPGCL	Chandrapur Unit 9	500	05/03/2017	15.17		Continued.	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni - Akola II Ckt I	IntraState	05/03/2017	08.57	05/03/2017	20.37	HT	To control load of Aurangabad taptitanda.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	03/03/2017	09.04	04/03/2017	08.58	PO	Maintenance by WRLDC.
Dhule(MS)- Dhule(BDTCL) -II	InterState	04/03/2017	10.02	04/03/2017	19.13	PO	Bay Maintenance.
Dhule Sar'Sarovar I	InterState	04/03/2017	18.19	05/03/2017	06.54	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/03/2017	18.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/03/2017	18.12	04/03/2017	06.14	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	04/03/2017	11.31	04/03/2017	17.52	EO	Earthwire Suspension Clamp Replacement.
Ektuni-Taptitanda II	IntraState	04/03/2017	14.42	04/03/2017	21.24	EO	Isolator Maintenance.
Bhusawal-Aurangabad	IntraState	04/03/2017	18.30	05/03/2017	06.48	HT	Over Voltage
Ektuni-Bablesghar ckt I	IntraState	05/03/2017	09.38	05/03/2017	20.28	PO	For stringing work of 765KV D/c Aurangbad -padgha line code 470.
Ektuni-Bablesghar ckt II	IntraState	05/03/2017	09.52	05/03/2017	20.32	PO	For stringing work of 765KV D/c Aurangbad -padgha line code 470.
karad -kolhapur-II	IntraState	05/03/2017	17.13		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	05/03/2017	17.15		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/03/2017	20.57		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	04/03/2017	09.32	04/03/2017	12.38	PO	Taken on TBC For Breaker Testing.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	05/03/2017	09.32	05/03/2017	13.30	PO	To attend partial damaged insulator at LOC 249 in Karnataka area.
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	05/03/2017	16.10	T	Distance Protection at pedhmbe end
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
Kalwa - Airoli Knowledge Park	IntraState	04/03/2017	06.13	04/03/2017	09.05	PO	Isolator Maintenance(Burn Isolator Jaw Replacement Work)
Nasik - Raymond	IntraState	04/03/2017	09.28	04/03/2017	12.20	PO	Bay Maintenance.
Chalisgaon -Babhalesghar	IntraState	04/03/2017	09.36	04/03/2017	11.10	PO	Line Maintenance work
Borivali(M)- Vasai	IntraState	04/03/2017	11.50	04/03/2017	15.13	PO	Maintenance Work.
Temghar - Kalwa	IntraState	04/03/2017	13.52	04/03/2017	17.13	PO	Routine Maintenance Work
Raymond - Washala	IntraState	04/03/2017	15.07	04/03/2017	17.24	PO	Routine Maintenance Work
Adlabs - Pedambe	IntraState	05/03/2017	08.05	05/03/2017	18.05	PO	Replacement of pophali 2 CT & wave trap jumper. RMW
Pedhambe - Oni	IntraState	05/03/2017	08.11	05/03/2017	16.22	PO	Replacement of pophali 2 CT & wave trap jumper. RMW
Pedambe-Nerle	IntraState	05/03/2017	08.12	05/03/2017	16.08	PO	Replacement of pophali 2 CT & wave trap jumper. RMW
Kharghar - Tss Panvel	IntraState	05/03/2017	08.16		Continued.	PO	Removal of bunching to from TSS -PGPL line.
Main bus section-II @ Pedambe	IntraState	05/03/2017	08.24	05/03/2017	16.05	PO	Replacement of pophali 2 CT & wave trap jumper. RMW
Kharghar-PGGL	IntraState	05/03/2017	08.35		Continued.	EO	Removal of bunching to from

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/2017

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							TSS-PGPL line.
Dahanu Ghodbunder Line 1	IntraState	05/03/2017	09.00	05/03/2017	19.52	PO	Replacement of CVTs.
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)
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	04/03/2017	06.13	04/03/2017	09.11	PO	Isolator Maintenance(Burn Isolator Jaw Replacement Work)
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	04/03/2017	06.13	04/03/2017	09.07	EO	Isolator Maintenance(Burn Isolator Jaw Replacement Work)
220/33 kV 100MVA @ Shivaji Nagar	IntraState	05/03/2017	16.15	05/03/2017	17.30	PO	For maintenance and completion of remaining work of fire protection system.