

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Feb/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.708	415.208	1) Gujrat	0.598	3.355
2) Hydro	13.730	48.630	2) Madhya Pradesh	14.648	42.833
3) Gas	6.830	21.715	3) Chattisgarh	8.962	24.132
Total MSPGCL	162.268	485.553	4) Maharashtra Net	140.200	435.206
B) 1) APML	45.922	137.382	5) Goa (Amona)	-0.548	-1.704
2) JSWEL	7.485	24.768	Total	163.860	503.822
3) VIPL	6.776	19.601	a) Mumbai Schedule	20.849	58.449
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.746	83.924
5) WPCL	3.792	12.197	c) MSEDCL Bilateral *	39.775	124.509
6) PGPL	0.000	0.000	Include PX	8.307	23.598
7) Other IPP	7.064	20.368	d) Mumbai Bilateral *	20.849	58.449
C) 1) TPCL Thermal	5.250	15.949	Include PX	9.930	24.756
2) TPCL Hydro	6.069	18.747	Include Standby	0.000	0.000
3) TPCL Gas	3.085	8.671	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.882	32.463	1) MSEDCL	373.509	1131.861
D) STATE			2) Mumbai Discoms	54.032	159.754
1) Thermal	228.879	677.936	TOTAL STATE	427.541	1291.615
(A1+C1+C4+(B1-B6))					
2) Hydro	19.799	67.377			
(A2+C2)					
3) Gas	9.915	30.386			
(A3+B6+C3)					
4) Wind	3.864	8.338			
6) SOLAR	1.224	3.756			
TOTAL STATE	263.681	787.793			

* 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	6289	6328	6183	5583
MSPGCL Hydro	1326	1241	333	101
MSPGCL Gas	308	296	227	321
MSPGCL Total Generation	7923	7865	6743	6005
Central Sector Receipt	7592	7792	6731	5628
WIND	131	65	163	88
CPP / IPP Thermal	2983	2981	2986	3002
CPP / IPP Gas	0	0	0	0
SOLAR	184	178	0	0
Exchange with Mumbai	-1479	-1495	-1494	-792
MSEDCL DEMAND MET	17334	17386	15129	13931
Load Shedding	0	0	0	0
MSEDCL DEMAND	17334	17386	15129	13931
TPCL GENERATION	841	818	703	305
R-INFRA GENERATION	506	508	404	387
MUMBAI DEMAND	2826	2821	2601	1484
STATE DEMAND MET	20160	20207	17730	15415
STATE DEMAND	20160	20207	17730	15415
Frequency (Hz)	49.96	49.98	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.74 Hz at 21.05 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 03/Feb/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	1.89	1.89	155	0
Unit 8	13.76	39.37	660	396
Unit 9	0.00	0.00	0	0
Unit 10	12.69	33.80	572	400
Total	28.33	75.06		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.88	32.64	515	360
Unit 5	10.80	32.56	510	360
Total	21.68	65.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.86	15.18	225	189
Unit 7	5.32	15.96	248	191
Unit 8	0.00	0.00	0	0
Total	10.19	31.14		
Chandrapur				
Unit 3	4.58	13.77	197	166
Unit 4	4.64	13.76	202	166
Unit 5	10.44	30.37	455	360
Unit 6	7.24	24.25	365	0
Unit 7	0.00	0.00	0	0
Unit 8	11.64	31.78	500	470
Unit 9	11.55	32.77	498	459
Total	50.08	146.69		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.56	16.64	250	195
Total	5.56	16.64		
Khaparkheda				
Unit 1	4.20	12.79	195	160
Unit 2	4.22	12.69	195	160
Unit 3	4.39	13.30	201	160
Unit 4	4.25	12.42	190	160
Unit 5	0.00	3.03	0	0
Total	17.06	54.23		
Nasik				
Unit 3	4.39	13.13	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.41	13.11	202	165
Total	8.80	26.24		
Uran				
All Units	6.83	21.72	330	157
Total	6.83	21.72		
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)	0.54	1.04	43	0
Total	0.54	1.04		
Koyna				
Stage 1-2	2.83	10.88	425	40
Stage 4	3.62	14.98	460	0
Stage 3	1.62	5.22	194	0
Total	8.06	31.07		
Hydro				
KDPH	0.87	2.62	37	36
VTRNA	1.15	3.46	59	0
TILLARI	0.50	1.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	1.02	80	0
RNGR+BHTSA	0.00	0.69	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	1.45	31	18
GHATGHAR	2.32	6.90	250	0
Total	5.67	17.56		
Wind				
Total	3.86	8.34	0	0
Total	3.86	8.34		
CPP				
APML(Mus)	45.92	137.38	0	0
JSWEL(Mus)	7.48	24.77	0	0
VIPL(Mus)	6.78	19.60	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.79	12.20	0	0
Other(Mus)	7.06	20.37	0	0
Total	71.04	214.32		
SOLAR				
Total	1.22	3.76	0	0
Total	1.22	3.76		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.82	5.03	94	58
Trombay 7B	1.26	3.64	60	45
Trombay 8	5.25	15.95	244	201
TATA Hydro	6.07	18.75	459	6
Total	14.40	43.37		
R-INFRA				
1-2	10.88	32.46	511	386
Total	10.88	32.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.71	415.21	MSPGCL Total	162.27	485.55
			MSPGCL Thml+Gas	148.54	436.92	Koyna 1,2 & 4 Total	6.44	25.86
			MSPGCL Hydro	13.73	48.63	State Total	263.68	787.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Feb/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	5630	200	309	6139	113	2963	0	0	5976	6166	-1034	14347	0	14347	1730	16077	49.94
2	5607	190	321	6118	54	3010	0	0	5964	5921	-922	14181	0	14181	1613	15794	49.95
3	5589	96	309	5994	83	3009	0	0	5982	5873	-837	14122	0	14122	1530	15652	49.98
4	5583	101	321	6005	88	3002	0	0	5980	5628	-792	13931	0	13931	1484	15415	49.99
5	5767	121	312	6200	154	2997	0	0	5910	6049	-787	14613	0	14613	1492	16105	49.95
6	6119	540	321	6980	231	3004	0	0	5816	6216	-706	15725	0	15725	1628	17353	49.99
7	6171	604	314	7089	323	3008	0	0	6546	6474	-887	16007	0	16007	1858	17865	49.96
8	6201	1023	320	7544	448	3000	0	8	7379	7386	-861	17525	0	17525	1999	19524	49.96
9	6254	795	311	7360	347	2973	0	54	7681	7740	-1078	17396	0	17396	2347	19743	49.97
10	6248	834	330	7412	324	2987	0	102	7231	6833	-1190	16468	0	16468	2538	19006	49.95
11	6256	861	300	7417	204	2974	0	144	7460	7214	-1478	16475	0	16475	2790	19265	50.01
12	6289	1326	308	7923	131	2983	0	184	7964	7592	-1479	17334	0	17334	2826	20160	49.96
13	6328	1241	296	7865	65	2981	0	178	7914	7792	-1495	17386	0	17386	2821	20207	49.98
14	6289	1061	307	7657	64	2978	0	175	7914	7844	-1439	17279	0	17279	2723	20002	50.01
15	6272	884	295	7451	35	2995	0	156	7903	7823	-1455	17005	0	17005	2706	19711	49.95
16	6264	874	186	7324	47	2992	0	124	7886	7944	-1391	17040	0	17040	2700	19740	49.96
17	6301	895	157	7353	37	2987	0	73	7321	7402	-1335	16517	0	16517	2695	19212	49.97
18	6319	564	189	7072	52	2980	0	26	6831	6770	-1284	15616	0	15616	2596	18212	49.99
19	6183	333	227	6743	163	2986	0	0	6881	6731	-1494	15129	0	15129	2601	17730	49.95
20	5736	230	222	6188	202	2946	0	0	6980	6782	-1527	14591	0	14591	2608	17199	49.99
21	5062	158	239	5459	164	2775	0	0	6888	6985	-1473	13910	0	13910	2443	16353	49.95
22	4945	418	304	5667	176	2730	0	0	6123	6371	-1278	13666	0	13666	2250	15916	49.95
23	5097	183	316	5596	185	2877	0	0	5955	6113	-1308	13463	0	13463	2130	15593	49.94
24	5198	198	316	5712	174	2906	0	0	5934	6211	-1216	13787	0	13787	1924	15711	49.98
MUs	141.71	13.73	6.83	162.27	3.86	71.04	0.00	1.22	164.42	163.86	-28.75	373.51	0.00	373.51	54.03	427.54	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/Feb/2017

Position as on 6.30 Hrs of 04/Feb/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	
TPC-G	Trombay 5	500	03/01/2017	21.49	04/02/2017	01.00	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
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	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Feb/2017

Position as on 6.30 Hrs of 04/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Uran Unit 5	108	26/01/2017	09.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 9	660	28/01/2017	23.08		Continued.	Debrish Filter Jamming.	
MSPGCL	Koradi Unit 7	210	30/01/2017	13.55	03/02/2017	09.05	BOILER FEED PUMP TRIPPED.	
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	
IPP	Adani U-4	660	31/01/2017	23.57		Continued.	COAL PROBLEM.	
MSPGCL	Khaparkheda Unit 5	500	01/02/2017	08.02	04/02/2017	07.02	Boiler Tube Leakage	
IPP	JSW (J) U3	300	02/02/2017	10.16		Continued.	Cooling Water Pipe Line Leakage.	
MSPGCL	Uran Unit B0	120	03/02/2017	15.11	03/02/2017	20.39	Boiler Damper Discripency.	
MSPGCL	Uran Unit 7	108	03/02/2017	15.11	03/02/2017	16.36	Boiler Damper Discripency.	
MSPGCL	Chandrapur Unit 6	500	03/02/2017	20.25		Continued.	GTR Y Phase DGA Report poor.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 04/Feb/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	02/02/2017	20.12	03/02/2017	07.24	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	03/02/2017	04.56	03/02/2017	06.23	T	Distance Protection R & B Ph.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	03/02/2017	06.32	03/02/2017	23.35	T	Distance Protection
Dhule Sar'Sarovar II	InterState	03/02/2017	17.20	04/02/2017	06.01	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	02/02/2017	09.44	03/02/2017	10.12	PO	Maintenance Work RFC @ 16.57 Hrs.
karad -kolhapur-I	IntraState	02/02/2017	16.45	03/02/2017	07.01	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/02/2017	17.49	03/02/2017	06.42	HT	Over Voltage
karad -kolhapur-II	IntraState	03/02/2017	05.16		Continued.	T	Distance Protection R Ph.
Girwali- Lonikand 2	IntraState	03/02/2017	05.58	03/02/2017	15.09	T	Distance Protection
karad -kolhapur-I	IntraState	03/02/2017	07.43	03/02/2017	18.15	T	Tripped only from Kolhapur End.
Main Bus-II @ Akola	IntraState	03/02/2017	11.16	03/02/2017	17.21	PO	Maintenance Work.
Chandrapur II - Chandrapur ckt I	IntraState	03/02/2017	11.51		Continued.	PO	Isolator Maint. Work.
Bhusawal-Aurangabad	IntraState	03/02/2017	19.06	04/02/2017	07.05	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/02/2017	20.21		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	03/02/2017	10.45	03/02/2017	17.28	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	03/02/2017	05.17		Continued.	T	Distance Protection
Talandge Chikodi	InterState	03/02/2017	06.11		Continued.	T	Distance Protection
Nasik Navsari II	InterState	03/02/2017	14.13	03/02/2017	14.48	T	Dist.Prot. B ph fault.
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.
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	02/02/2017	15.20		Continued.	PO	Routine Maintenance Work
Talandge(400kv)- Sawantwadi(Insul	IntraState	03/02/2017	03.38	03/02/2017	15.20	T	Distance Protection
Kolhapur-Bidri	IntraState	03/02/2017	03.41	03/02/2017	04.48	T	Distance Protection
Kolhapur-Bidri	IntraState	03/02/2017	04.48	03/02/2017	09.50	T	Distance Protection
Talandge(400kv)- Ichalkaranji 1	IntraState	03/02/2017	05.21	03/02/2017	13.45	T	Distance Protection
Talandge-Hamidwada	IntraState	03/02/2017	05.47	03/02/2017	10.11	T	Distance Protection
Mumewadi -Halkarni II	IntraState	03/02/2017	06.08	03/02/2017	10.32	T	Distance Protection
Mumewadi -Halkarni I	IntraState	03/02/2017	06.08	03/02/2017	10.32	T	Distance Protection
Mudshingi-Belewadi	IntraState	03/02/2017	06.09	03/02/2017	13.26	T	Distance Protection
Talandge(400kv)- Ichalkaranji 2	IntraState	03/02/2017	06.46	03/02/2017	15.17	T	Distance Protection
Talandge-Mudshingi Ckt-I	IntraState	03/02/2017	06.53	03/02/2017	08.48	T	Distance Protection
Miraj - Ichalkaranji II	IntraState	03/02/2017	07.54	03/02/2017	08.31	T	Distance Protection
Kolhapur - 5 Star Ckt I	IntraState	03/02/2017	07.55	03/02/2017	09.10	T	Distance Protection
Kamba-Borivali	IntraState	03/02/2017	11.45	03/02/2017	16.54	PO	Isolator Maint.Work.
Telco- Chinchwad	IntraState	03/02/2017	12.10	03/02/2017	18.44	PO	Routine Maintenance Work
Dhule - Malegaon	IntraState	03/02/2017	14.16	03/02/2017	14.38	T	Distance Protection
Bhira Dharavi 7	IntraState	04/02/2017	04.49	04/02/2017	05.25	T	Distance Protection B Phase.

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 03/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 04/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	13/01/2017	15.23		Continued.	PO	Work of tap changer.
132 KV LINE Outages/Trippings							
Dondaicha-Nandurbar	IntraState	03/02/2017	15.38	03/02/2017	15.50	T	Distance Protection
Hingoli-II (220 Kv) - Elichpur	IntraState	03/02/2017	15.59	03/02/2017	18.50	T	Distance Protection