

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Feb/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.776	2494.647	1) Gujrat	-0.175	17.962
2) Hydro	8.654	256.707	2) Madhya Pradesh	11.908	223.514
3) Gas	10.477	168.282	3) Chattisgarh	8.030	141.332
Total MSPGCL	165.907	2919.636	4) Maharashtra Net	131.935	2494.445
B) 1) APML	56.565	825.184	5) Goa (Amona)	-0.704	-10.984
2) JSWEL	9.947	167.808	Total	150.994	2866.269
3) VIPL	6.020	116.715	a) Mumbai Schedule	18.145	303.911
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.914	365.519
5) WPCL	4.214	71.506	c) MSEDCL Bilateral *	45.113	801.454
6) PGPL	0.000	7.780	Include PX	3.333	110.654
7) Other IPP	6.466	122.658	d) Mumbai Bilateral *	18.145	303.911
C) 1) TPCL Thermal	11.556	231.739	Include PX	7.554	111.125
2) TPCL Hydro	4.017	68.564	Include Standby	0.000	0.000
3) TPCL Gas	3.857	68.244	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.744	191.185	1) MSEDCL	390.420	6885.624
D) STATE			2) Mumbai Discoms	55.088	925.243
1) Thermal	251.288	4221.442	TOTAL STATE	445.508	7810.867
(A1+C1+C4+(B1-B6))					
2) Hydro	12.671	325.271			
(A2+C2)					
3) Gas	14.334	244.306			
(A3+B6+C3)					
4) Wind	14.789	130.807			
6) SOLAR	1.432	22.780			
TOTAL STATE	294.514	4944.606			

* 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 4 Hrs
MSPGCL Thermal	6668	6643	5839	5621
MSPGCL Hydro	662	492	439	125
MSPGCL Gas	414	413	427	457
MSPGCL Total Generation	7744	7548	6705	6203
Central Sector Receipt	7029	6972	6567	5292
WIND	1000	1032	454	479
CPP / IPP Thermal	3600	3604	3519	3288
CPP / IPP Gas	0	0	0	0
SOLAR	192	204	0	0
Exchange with Mumbai	-1323	-1394	-1353	-699
MSEDCL DEMAND MET	18242	17966	15892	14563
Load Shedding	0	0	0	0
MSEDCL DEMAND	18242	17966	15892	14563
TPCL GENERATION	1062	983	864	569
R-INFRA GENERATION	386	386	387	387
MUMBAI DEMAND	2771	2763	2604	1655
STATE DEMAND MET	21013	20729	18496	16218
STATE DEMAND	21013	20729	18496	16218
Frequency (Hz)	49.98	49.97	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.01 Hrs	49.81 Hz at 21.04 Hrs	49.96	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 18/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	0.00	45.58	0	0
Unit 8	13.92	239.98	600	480
Unit 9	9.10	112.83	384	371
Unit 10	0.00	66.63	0	0
Total	23.02	465.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.90	13.88	165	160
Unit 4	10.24	195.83	510	365
Unit 5	10.29	156.60	510	365
Total	24.42	366.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.20	91.90	250	187
Unit 7	5.27	98.55	252	191
Unit 8	0.00	0.00	0	0
Total	10.48	190.46		
Chandrapur				
Unit 3	4.38	82.10	200	169
Unit 4	4.38	82.34	196	170
Unit 5	9.74	185.02	460	360
Unit 6	9.64	80.80	450	349
Unit 7	0.00	0.00	0	0
Unit 8	9.66	163.63	438	360
Unit 9	10.92	190.68	500	367
Total	48.73	784.56		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.35	99.02	250	194
Total	5.35	99.02		
Khaparkheda				
Unit 1	4.06	74.29	200	150
Unit 2	4.20	75.30	200	160
Unit 3	4.21	64.90	201	160
Unit 4	4.14	65.53	191	160
Unit 5	10.00	154.30	460	380
Total	26.61	434.32		
Nasik				
Unit 3	4.06	77.18	195	160
Unit 4	0.00	0.00	0	0
Unit 5	4.11	77.80	198	162
Total	8.17	154.98		
Uran				
All Units	10.48	168.28	466	396
Total	10.48	168.28		
PGPL				
Unit 1	0.00	4.70	0	0
Unit 2	0.00	3.08	0	0
Total	0.00	7.78		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.24	6.55	48	0
Total	0.24	6.55		
Koyna				
Stage 1-2	2.50	63.68	425	40
Stage 4	0.11	66.03	109	0
Stage 3	0.87	28.06	138	0
Total	3.48	157.77		
Hydro				
KDPH	0.64	13.94	27	26
VTRNA	0.46	13.60	60	0
TILLARI	0.48	8.45	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	3.84	40	0
RNGR+BHTSA	0.34	5.52	14	13
BHANDARDRA	0.52	6.27	41	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.79	13.52	43	30
GHATGHAR	1.83	33.80	250	0
Total	5.18	98.94		
Wind				
Total	14.79	130.81	0	0
Total	14.79	130.81		
CPP				
APML(Mus)	56.56	825.18	0	0
JSWEL(Mus)	9.95	167.81	0	0
VIPL(Mus)	6.02	116.72	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.21	71.51	0	0
Other(Mus)	6.47	122.66	0	0
Total	83.21	1303.87		
SOLAR				
Total	1.43	22.78	0	0
Total	1.43	22.78		
Tata				
Trombay 5	8.25	138.60	483	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	42.16	116	65
Trombay 7B	1.49	26.08	68	51
Trombay 8	3.31	93.14	145	136
TATA Hydro	4.02	68.56	428	15
Total	19.43	368.55		
R-INFRA				
1-2	9.74	191.18	509	385
Total	9.74	191.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.78	2494.65	MSPGCL Total	165.91	2919.64
			MSPGCL Thml+Gas	157.25	2662.93	Koyna 1,2 & 4 Total	2.61	129.71
			MSPGCL Hydro	8.65	256.71	State Total	294.51	4944.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5592	466	452	6510	505	3296	0	0	5587	5388	-1036	14663	0	14663	1998	16661	49.91
2	5588	261	457	6306	511	3276	0	0	5461	5475	-854	14714	0	14714	1810	16524	49.97
3	5617	126	457	6200	502	3279	0	0	5430	5316	-756	14541	0	14541	1713	16254	49.99
4	5621	125	457	6203	479	3288	0	0	5438	5292	-699	14563	0	14563	1655	16218	49.98
5	5624	135	457	6216	457	3282	0	0	5511	5404	-695	14664	0	14664	1652	16316	49.99
6	6010	243	466	6719	479	3340	0	0	5801	5777	-761	15554	0	15554	1735	17289	49.97
7	6703	259	460	7422	509	3586	0	0	6230	6142	-598	17061	0	17061	1871	18932	49.99
8	6727	418	463	7608	462	3615	0	14	6738	6547	-509	17737	0	17737	1961	19698	49.98
9	6752	489	456	7697	463	3604	0	74	6969	7092	-663	18267	0	18267	2203	20470	49.62
10	6720	545	441	7706	440	3599	0	128	6850	6660	-945	17588	0	17588	2551	20139	49.99
11	6696	647	426	7769	900	3606	0	169	6765	6511	-1246	17709	0	17709	2713	20422	49.97
12	6668	662	414	7744	1000	3600	0	192	7128	7029	-1323	18242	0	18242	2771	21013	49.98
13	6643	492	413	7548	1032	3604	0	204	7270	6972	-1394	17966	0	17966	2763	20729	49.97
14	6434	250	403	7087	939	3606	0	195	7271	6899	-1310	17416	0	17416	2634	20050	49.96
15	6282	429	396	7107	864	3582	0	173	7155	7331	-1289	17768	0	17768	2648	20416	49.97
16	6642	385	414	7441	817	3625	0	149	7155	7252	-1364	17920	0	17920	2685	20605	49.95
17	6376	255	404	7035	668	3586	0	96	7056	6819	-1376	16828	0	16828	2658	19486	49.98
18	5851	310	417	6578	579	3510	0	37	6619	6798	-1301	16201	0	16201	2584	18785	49.97
19	5840	383	438	6661	435	3408	0	1	6474	6333	-1243	15595	0	15595	2578	18173	49.96
20	5839	439	427	6705	454	3519	0	0	6476	6567	-1353	15892	0	15892	2604	18496	50.02
21	5666	276	428	6370	549	3468	0	0	6450	6361	-1368	15380	0	15380	2498	17878	49.99
22	5560	219	429	6208	626	3293	0	0	6262	5961	-1341	14747	0	14747	2362	17109	49.99
23	5574	333	452	6359	577	3328	0	0	5668	5598	-1278	14584	0	14584	2272	16856	49.97
24	5751	507	450	6708	542	3311	0	0	5510	5470	-1212	14819	0	14819	2169	16988	50.00
MUs	146.78	8.65	10.48	165.91	14.79	83.21	0.00	1.43	153.27	150.99	-25.91	390.42	0.00	390.42	55.09	445.51	49.96

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 18/Feb/2017

Position as on 6.30 Hrs of 19/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	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Koyana 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	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 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	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Feb/2017

Position as on 6.30 Hrs of 19/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyana Unit 9	80	14/02/2017	11.00		Continued.	Emergency Outage for Maintenance.	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	16/02/2017	07.38		Continued.	Main Steam Line Drain Leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 19/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	17/02/2017	08.39		Continued.	PO	Routine Maintenance Work
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	18/02/2017	16.46	19/02/2017	22.01	T	Thyrister supply temp to Thyrister value high.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	17/02/2017	17.55	18/02/2017	06.56	HT	Over Voltage
Dabhol Nagothane II	InterState	18/02/2017	15.21	18/02/2017	18.37	T	Distance Protection
Dhule Sar'Sarovar II	InterState	18/02/2017	17.52	19/02/2017	06.58	HT	Over Voltage
Padgha - Boisar (PG)	InterState	19/02/2017	13.38	19/02/2017	14.06	T	Distance Protection
Dhule Sar'Sarovar II	InterState	19/02/2017	17.48		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	16/02/2017	16.49	18/02/2017	08.24	HT	Over Voltage (RFC at 15:10hrs)
Bhusawal-Aurangabad	IntraState	16/02/2017	17.52	18/02/2017	06.50	HT	Over Voltage
Main Bus-II @ Akola	IntraState	17/02/2017	07.16	18/02/2017	15.57	PO	For Canneting 400kv side Jumper of New ICT-II.
Padghe - Kalwa-II	IntraState	17/02/2017	09.50	19/02/2017	10.39	T	Taken on TBC
N.Koyna-Karad -Ckt I	IntraState	17/02/2017	11.05		Continued.	PO	Taken on TBC
Jaigad-Karad Ckt-II	IntraState	17/02/2017	16.41	18/02/2017	08.26	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	18/02/2017	15.37	18/02/2017	19.34	PO	Maintenance Work.
karad -kolhapur-II	IntraState	18/02/2017	16.38	19/02/2017	08.27	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/02/2017	17.07	19/02/2017	08.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/02/2017	18.00	19/02/2017	06.18	HT	Over Voltage
Main Bus I @ Kalwa	IntraState	19/02/2017	07.32	19/02/2017	16.45	EO	Emergency outage for isolator maintenance work(Padghe-1 on TBC 07 at kalwa end.
Nagothane - Dabhol-II	IntraState	19/02/2017	13.46	19/02/2017	17.46	T	Distance Protection
karad -kolhapur-I	IntraState	19/02/2017	17.29		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/02/2017	17.30		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/02/2017	17.57		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	19/02/2017	08.04	19/02/2017	15.13	PO	Line Maintenance work
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.
Chandrapur MIDC - GEPL Ckt I	IntraState	20/12/2016	18.36		Continued.	HT	Energy Bill Ending At GEPL End.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Kharghar-Panvel TSS	IntraState	14/02/2017	08.05	18/02/2017	18.15	PO	Bunching Work of TSS-Kharghar & Kharghar-MSL-PGPL Ckt & Jumper Remove.
Kharghar-PGPL	IntraState	14/02/2017	08.35	18/02/2017	18.45	PO	Bunching Work of TSS Kharghar & Kharghar-MSL-PGPL Ckt & Jumper Remove.
New Koyna - Niwali	IntraState	17/02/2017	10.58		Continued.	PO	Taken on TBC
Oni Kharepatan Line	IntraState	18/02/2017	09.13	18/02/2017	21.10	PO	Maintenance Work.
Temghar - Kalwa	IntraState	18/02/2017	12.24	18/02/2017	16.11	PO	Attending Hot Spot
Kalwa-Salsette-IV	IntraState	18/02/2017	14.00	18/02/2017	14.38	T	Distance Protection

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 18/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 19/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tilari - Amona2	IntraState	18/02/2017	14.30	18/02/2017	18.02	T	Distance Protection
Mururd - Tuljapur	IntraState	18/02/2017	16.50	18/02/2017	15.09	HT	For Parly-Solapur Outage.
220KV Borivali (M) - Borivali (T) ckt III	IntraState	19/02/2017	09.55	19/02/2017	16.11	PO	Closer inspection & tree trimming.
Salsette Borivli 1	IntraState	19/02/2017	10.39	19/02/2017	15.50	PO	Closer inspection & tree trimming.
Padghe - Nalasopara	IntraState	19/02/2017	12.07	19/02/2017	12.33	T	Distance Protection
Talandge(400kv)- Ichalkaranji 2	IntraState	19/02/2017	22.45		Continued.	EO	Attending Hot Spot
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 100 Mva Emco Ict @Shahada	IntraState	18/02/2017	08.50	18/02/2017	19.00	PO	OLTC Overhauling Work.
220/132 kv 200MVA ICT-V @ Nashik	IntraState	18/02/2017	09.31	18/02/2017	17.51	PO	Shifting of HV CT From Old RCC Structure to New Lattice Structure.
132 KV LINE Outages/Trippings							
Harangul - Niwali	IntraState	18/02/2017	03.30	18/02/2017	03.50	T	Distance Protection

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