

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Feb/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.105	2042.217	1) Gujrat	0.544	6.966
2) Hydro	16.131	182.823	2) Madhya Pradesh	18.179	296.048
3) Gas	9.620	139.538	3) Chattisgarh	6.850	129.910
Total MSPGCL	151.856	2364.578	4) Maharashtra Net	99.628	1725.091
B) 1) APML	43.150	820.132	5) Goa (Amona)	-0.770	-11.836
2) JSWEL	17.919	296.145	Total	124.431	2146.179
3) VIPL	6.217	102.877	a) Mumbai Schedule	19.338	328.848
4) RPL(AMT)	22.425	376.622	b) Mumbai Drawl	20.227	373.445
5) WPCL	4.100	71.557	c) MSEDCL Bilateral *	18.995	342.468
6) PGPL	0.000	0.000	Include PX	0.712	34.939
7) Other IPP	12.057	208.588	d) Mumbai Bilateral *	19.338	325.036
C) 1) TPCL Thermal	14.352	241.879	Include PX	6.138	115.055
2) TPCL Hydro	3.184	51.369	Include Standby	0.000	3.813
3) TPCL Gas	4.332	64.046	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.471	143.245	1) MSEDCL	369.787	6174.131
D) STATE			2) Mumbai Discoms	52.566	873.993
1) Thermal	256.796	4303.262	TOTAL STATE	422.353	7048.124
(A1+C1+C4+(B1-B6))					
2) Hydro	19.315	234.192			
(A2+C2)					
3) Gas	13.952	203.584			
(A3+B6+C3)					
4) Wind	3.969	105.502			
6) SOLAR	3.890	55.396			
TOTAL STATE	297.922	4901.936			

* 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	5594	5537	5302	4472
MSPGCL Hydro	1332	1540	196	191
MSPGCL Gas	408	396	412	421
MSPGCL Total Generation	7334	7473	5910	5084
Central Sector Receipt	5918	5796	5545	4668
WIND	129	120	382	115
CPP / IPP Thermal	4757	4797	4387	3845
CPP / IPP Gas	0	0	0	0
SOLAR	511	547	0	0
Exchange with Mumbai	-1100	-1077	-1057	-563
MSEDCL DEMAND MET	17549	17656	15167	13149
Load Shedding	0	0	0	0
MSEDCL DEMAND	17549	17656	15167	13149
TPCL GENERATION	1095	1111	984	677
R-INFRA GENERATION	504	503	377	377
MUMBAI DEMAND	2699	2691	2418	1617
STATE DEMAND MET	20248	20347	17585	14766
STATE DEMAND	20248	20347	17585	14766
Frequency (Hz)	49.97	49.99	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.01 Hrs	49.69 Hz at 06.43 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 17/Feb/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.08	196.33	541	449
Unit 9	0.00	0.00	0	0
Unit 10	12.85	202.33	600	462
Total	24.93	398.66		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	10.19	171.42	495	350
Unit 5	10.28	171.96	500	355
Total	20.46	389.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	87.45	250	187
Unit 7	0.00	0.00	0	0
Unit 8	5.19	85.69	250	183
Total	10.47	173.14		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.09	118.28	445	365
Unit 6	0.00	0.00	0	0
Unit 7	10.50	167.93	453	360
Unit 8	0.59	93.40	190	0
Unit 9	11.36	181.85	494	370
Total	32.53	561.46		
Paras				
Unit 3	5.82	30.75	256	190
Unit 4	5.82	93.18	256	190
Total	11.63	123.93		
Khaparkheda				
Unit 1	0.00	45.88	0	0
Unit 2	3.74	28.68	165	150
Unit 3	0.00	0.00	0	0
Unit 4	3.67	63.17	160	149
Unit 5	10.60	119.68	475	360
Total	18.02	257.41		
Nasik				
Unit 3	4.05	70.43	192	160
Unit 4	4.01	67.87	177	154
Unit 5	0.00	0.00	0	0
Total	8.06	138.30		
Uran				
All Units	9.62	139.54	425	270
Total	9.62	139.54		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.10	1.49	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.49		
Koyna				
Stage 1-2	2.79	43.30	485	35
Stage 4	6.54	42.69	955	0
Stage 3	2.21	19.22	240	0
Total	11.54	105.22		
Hydro				
KDPH	0.86	11.78	36	36
VTRNA	0.99	19.26	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	2.40	80	0
RNGR+BHTSA	0.33	5.91	14	13
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.97	13.89	41	40
GHATGHAR	1.21	17.67	125	0
Total	4.59	77.61		
Wind				
Total	3.97	105.50	0	0
Total	3.97	105.50		
CPP				
APML(Mus)	43.15	820.13	0	0
JSWEL(Mus)	17.92	296.14	0	0
VIPL(Mus)	6.22	102.88	0	0
RPLAMT(Mus)	22.42	376.62	0	0
WPCL(Mus)	4.10	71.56	0	0
Other(Mus)	12.06	208.59	0	0
Total	105.87	1875.92		
SOLAR				
Total	3.89	55.40	0	0
Total	3.89	55.40		
Tata				
Trombay 5	9.15	154.00	487	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	38.98	115	102
Trombay 7B	1.61	25.07	68	63
Trombay 8	5.20	87.88	241	197
TATA Hydro	3.18	51.37	356	0
Total	21.87	357.29		
R-INFRA				
DTPS U-1&2	10.47	143.24	504	376
Total	10.47	143.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.10	2042.22	MSPGCL Total	151.86	2364.58
			MSPGCL Thml+Gas	135.72	2181.76	Koyna 1,2 & 4 Total	9.33	85.99
			MSPGCL Hydro	16.13	182.82	State Total	297.92	4901.94

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/Feb/2018

Annexure-2

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	4930	196	398	5524	128	3939	0	0	4525	4764	-816	13539	0	13539	1889	15428	50.00
2	4775	191	419	5385	142	3907	0	0	4493	4543	-696	13281	0	13281	1750	15031	50.01
3	4698	191	419	5308	143	3844	0	0	4518	4525	-606	13214	0	13214	1662	14876	49.99
4	4472	191	421	5084	115	3845	0	0	4547	4668	-563	13149	0	13149	1617	14766	49.98
5	4778	266	421	5465	82	3900	0	0	4528	4717	-569	13595	0	13595	1623	15218	49.95
6	5130	443	423	5996	103	4130	0	0	4798	4833	-671	14391	0	14391	1725	16116	49.94
7	5559	841	425	6825	123	4578	0	2	5151	5412	-664	16276	0	16276	1868	18144	49.92
8	5588	1623	415	7626	100	4764	0	61	5049	5067	-462	17156	0	17156	1965	19121	49.96
9	5585	1540	423	7548	48	4890	0	219	4923	4889	-515	17079	0	17079	2145	19224	49.97
10	5584	1303	417	7304	111	4876	0	365	5120	5375	-669	17362	0	17362	2416	19778	49.97
11	5577	1225	403	7205	139	4759	0	485	5746	5884	-1009	17463	0	17463	2617	20080	49.93
12	5594	1332	408	7334	129	4757	0	511	6181	5918	-1100	17549	0	17549	2699	20248	49.97
13	5537	1540	396	7473	120	4797	0	547	5673	5796	-1077	17656	0	17656	2691	20347	49.99
14	5542	980	393	6915	128	4779	0	542	5558	5738	-973	17129	0	17129	2566	19695	50.12
15	5571	962	394	6927	128	4772	0	463	5537	5758	-978	17070	0	17070	2571	19641	49.99
16	5516	1054	407	6977	150	4745	0	369	5539	5548	-914	16875	0	16875	2523	19398	49.95
17	5505	621	397	6523	153	4723	0	250	5538	5710	-847	16512	0	16512	2463	18975	49.95
18	5388	208	400	5996	151	4595	0	75	5347	5365	-1036	15146	0	15146	2430	17576	49.97
19	5136	196	398	5730	228	4406	0	1	5248	5340	-1160	14545	0	14545	2414	16959	49.98
20	5302	196	412	5910	382	4387	0	0	5359	5545	-1057	15167	0	15167	2418	17585	49.94
21	5281	201	412	5894	473	4257	0	0	4945	4730	-1079	14275	0	14275	2316	16591	49.91
22	5058	271	416	5745	314	4055	0	0	4660	4870	-991	13993	0	13993	2191	16184	50.01
23	5045	355	333	5733	217	3997	0	0	4466	4844	-911	13880	0	13880	2058	15938	49.96
24	4954	205	270	5429	162	4163	0	0	4371	4592	-864	13482	0	13482	1949	15431	49.98
MUs	126.10	16.13	9.62	151.86	3.97	105.87	0.00	3.89	121.82	124.43	-20.23	369.79	0.00	369.79	52.57	422.35	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 17/Feb/2018

Position as on 6.30 Hrs of 18/Feb/2018

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.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
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	
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.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkhedha Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Feb/2018

Position as on 6.30 Hrs of 18/Feb/2018

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	30/01/2018	22.55		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage	
MSPGCL	Chandrapur Unit-8	500	11/02/2018	22.16	17/02/2018	19.27	Boiler Tube Leakage	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound	
MSPGCL	Khaparkheda Unit 1	210	13/02/2018	15.52		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
MSPGCL	Koyna Unit 3	75	17/02/2018	11.35		Continued.	Outage on main bus-1	
MSPGCL	Koyna Unit 1	75	17/02/2018	11.40		Continued.	Outage on main bus-1	
MSPGCL	Koyna Unit 2	75	17/02/2018	11.55		Continued.	Outage on main bus-1	
MSPGCL	Uran Unit 5	108	17/02/2018	22.30	18/02/2018	17.57	Boiler Validity Renevoation	
MSPGCL	Uran Unit A0	120	17/02/2018	22.30	18/02/2018	23.45	Boiler Validity Renevoation	
MSPGCL	Chandrapur Unit 5	500	18/02/2018	04.00		Continued.	Water Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2018

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	15/02/2018	08.25		Continued.	PO	at Gujrat end.RFC 18.13 hrs.
karad -kolhapur-II	IntraState	15/02/2018	18.07	17/02/2018	09.43	T	Over Voltage
Karad-Jaigad - I	IntraState	16/02/2018	17.25	17/02/2018	09.46	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/02/2018	17.51	17/02/2018	07.02	HT	Over Voltage
Koradi-Bhusawal	IntraState	17/02/2018	09.58	17/02/2018	10.11	HT	Bus Shifting
Girwali- Lonikand 2	IntraState	17/02/2018	11.18	17/02/2018	13.31	PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	17/02/2018	18.27	18/02/2018	10.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/02/2018	17.28		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/02/2018	18.13		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	18/02/2018	18.14		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	08/02/2018	21.01		Continued.	EO	due to negative dga report.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	15/02/2018	14.28		Continued.	PO	overhauling work.
400/220KV 500MVA ICT-I @Nanded	IntraState	17/02/2018	13.23	17/02/2018	20.37	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kandalgaon - Koyna	IntraState	17/02/2018	11.30	17/02/2018	21.35	PO	Outage on main bus-1
Pophli Pedhmbe Line- 1	IntraState	17/02/2018	11.45	17/02/2018	21.10	PO	Outage on main bus-1
Pophali - Kdph	IntraState	17/02/2018	11.50	17/02/2018	22.00	PO	Outage on main bus-1
Main Bus Section-I @ Pophali	IntraState	17/02/2018	12.00	17/02/2018	21.10	EO	Replacement work
Karad - Sadawagpur I	IntraState	17/02/2018	15.40	17/02/2018	17.00	EO	Heavy sparking
Bus Section II @ Pophali	IntraState	18/02/2018	13.15	18/02/2018	21.50	PO	Earthwire 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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	17/02/2018	10.00	17/02/2018	20.12	PO	Isolator Replacement work

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