

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Mar/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.566	2169.805	1) Gujrat	2.369	40.945
2) Hydro	9.307	157.202	2) Madhya Pradesh	17.526	293.330
3) Gas	7.031	116.150	3) Chattisgarh	6.200	92.150
Total MSPGCL	147.904	2443.157	4) Maharashtra	115.543	1910.289
B) 1) APLM	65.825	1230.910	5) Goa (Amona)	-0.396	-6.248
2) JSWEL	20.694	372.012	Total	141.242	2330.466
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.296	323.417
4) RPL(AMT)	4.897	46.036	b) Mumbai Drawl	19.207	342.696
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.873	231.647
6) Other IPP	14.553	204.124	Include PX	-0.100	-21.872
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.296	323.417
C) 1) TPCL Thermal	12.758	233.808	Include PX	10.954	126.613
2) TPCL Hydro	1.604	73.926	Standby	0.000	0.000
3) TPCL Gas	4.352	73.574	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.284	167.795	1) MSEDCL	391.839	6617.533
D) STATE			2) Mumbai Discoms	47.205	891.801
1) Thermal	259.577	4424.490	TOTAL STATE	439.044	7509.334
(A1+C1+C4+(B1-B6))					
2) Hydro	10.911	231.128			
(A2+C2)					
3) Gas	11.383	189.724			
(A3+B7+C3)					
4) Wind	8.755	212.135			
6) SOLAR	7.176	121.389			
TOTAL STATE	297.802	5178.866			

* 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 4 Hrs
MSPGCL Thermal	5834	5835	5493	5112
MSPGCL Hydro	641	312	368	227
MSPGCL Gas	282	282	300	298
MSPGCL Total Generation	6757	6429	6161	5637
Central Sector Receipt	6124	6046	6046	5451
WIND	249	286	515	266
CPP / IPP Thermal	4724	4761	4083	4432
CPP / IPP Gas	0	0	0	0
SOLAR	971	974	0	0
Exchange with Mumbai	-1030	-1017	-976	-570
MSEDCL DEMAND MET	17795	17479	15829	15216
Load Shedding	0	0	0	0
MSEDCL DEMAND	17795	17479	15829	15216
TPCL GENERATION	773	785	889	676
AEML GENERATION	373	374	374	374
MUMBAI DEMAND	2176	2176	2239	1620
STATE DEMAND MET	19971	19655	18068	16836
STATE DEMAND	19971	19655	18068	16836
Frequency (Hz)	50.01	50.04	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 07:03 Hrs	49.75 Hz at 05:10 Hrs	49.99	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/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.55	65.31	185	4
Unit 7	0.00	0.00	0	0
Unit 8	9.27	168.06	450	342
Unit 9	10.55	148.16	528	347
Unit 10	10.31	169.40	520	350
Total	33.69	550.94		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.92	124.68	505	350
Unit 5	9.01	170.65	500	350
Total	17.92	295.33		
Parli				
Unit 4	0.00	0.00	0	0
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	3.66	15.33	213	0
Total	3.66	15.33		
Chandrapur				
Unit 3	4.55	75.95	196	163
Unit 4	4.38	73.32	190	164
Unit 5	9.45	161.36	405	370
Unit 6	0.00	0.00	0	0
Unit 7	0.00	33.34	0	0
Unit 8	10.89	185.62	487	420
Unit 9	10.29	180.39	476	393
Total	39.56	709.99		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.93	96.77	255	210
Total	5.93	96.77		
Khaparkheda				
Unit 1	4.16	66.86	190	150
Unit 2	4.02	65.21	175	160
Unit 3	2.98	66.25	202	0
Unit 4	4.36	58.27	200	155
Unit 5	11.28	173.64	495	440
Total	26.81	430.24		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	71.22	207	158
Unit 5	0.00	0.00	0	0
Total	3.99	71.22		
Uran				
All Units	7.03	116.15	311	272
Total	7.03	116.15		
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)	0.16	1.94	15	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	1.94		
Koyna				
Stage 1-2	3.62	50.12	380	35
Stage 4	0.24	16.89	216	0
Stage 3	1.35	15.21	150	0
Total	5.21	82.23		
Hydro				
KDPH	0.89	13.63	37	37
VTRNA	1.12	16.02	61	0
TILLARI	0.54	5.23	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	4.13	77	0
RNGR+BHTSA	0.31	4.96	13	12
BHANDARDRA	0.42	7.55	37	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	9.82	21	20
GHATGHAR	0.18	13.62	108	0
Total	4.10	74.97		
Wind				
Total	8.76	212.14	0	0
Total	8.76	212.14		
CPP				
APML(Mus)	65.82	1230.91	0	0
JSWEL(Mus)	20.69	372.01	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.90	46.04	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.55	204.12	0	0
Total	105.97	1853.08		
SOLAR				
Total	7.18	121.39	0	0
Total	7.18	121.39		
Tata				
Trombay 5	7.88	146.64	476	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	46.77	117	108
Trombay 7B	1.58	26.81	67	64
Trombay 8	4.88	87.16	217	201
TATA Hydro	1.60	73.93	199	0
Total	18.71	381.31		
AEML				
DTPS U-1&2	9.28	167.80	502	372
Total	9.28	167.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.57	2169.80	MSPGCL Total	147.90	2443.16
			MSPGCL Thml+Gas	138.60	2285.96	Koyna 1,2 & 4 Total	3.86	67.02
			MSPGCL Hydro	9.31	157.20	State Total	297.80	5178.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Mar/2019

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	5127	282	297	5706	439	4353	0	0	5610	5793	-770	15521	0	15521	1881	17402	49.97
2	5120	397	298	5815	334	4425	0	0	5635	5713	-679	15608	0	15608	1755	17363	49.99
3	5112	192	306	5610	353	4431	0	0	5663	5547	-598	15343	0	15343	1673	17016	49.95
4	5112	227	298	5637	266	4432	0	0	5481	5451	-570	15216	0	15216	1620	16836	49.97
5	5150	182	298	5630	222	4404	0	0	5753	5872	-553	15575	0	15575	1597	17172	49.90
6	5321	529	311	6161	165	4569	0	0	5883	6000	-557	16338	0	16338	1660	17998	49.96
7	5708	490	301	6499	108	5074	0	9	5939	5869	-404	17155	0	17155	1729	18884	50.07
8	6076	437	311	6824	96	5148	0	148	6002	6054	-427	17843	0	17843	1804	19647	50.07
9	6127	316	297	6740	120	5027	0	420	6096	6037	-717	17627	0	17627	1908	19535	50.01
10	5754	433	291	6478	170	4894	0	670	5963	6179	-941	17450	0	17450	2050	19500	49.99
11	5691	488	286	6465	165	4789	0	856	6208	6197	-987	17485	0	17485	2154	19639	50.03
12	5834	641	282	6757	249	4724	0	971	6224	6124	-1030	17795	0	17795	2176	19971	50.01
13	5835	312	282	6429	286	4761	0	974	6183	6046	-1017	17479	0	17479	2176	19655	50.04
14	5425	317	282	6024	348	4437	0	961	5902	5780	-962	16588	0	16588	2105	18693	49.99
15	5417	683	283	6383	363	4385	0	873	5700	5762	-913	16853	0	16853	2067	18920	50.02
16	5694	286	272	6252	443	4413	0	671	5801	5885	-903	16761	0	16761	2048	18809	50.00
17	5547	305	284	6136	523	4407	0	434	5734	5888	-886	16502	0	16502	2031	18533	49.99
18	5525	310	284	6119	536	4115	0	165	5657	5697	-890	15742	0	15742	2039	17781	50.02
19	5540	299	288	6127	493	3867	0	24	5714	5778	-906	15383	0	15383	2101	17484	49.99
20	5493	368	300	6161	515	4083	0	0	6059	6046	-976	15829	0	15829	2239	18068	50.04
21	5287	352	291	5930	616	3950	0	0	5924	5803	-937	15362	0	15362	2206	17568	49.99
22	5230	673	292	6195	726	3712	0	0	5804	5952	-885	15700	0	15700	2150	17850	49.94
23	5272	353	292	5917	639	3758	0	0	5830	5876	-854	15336	0	15336	2061	17397	49.92
24	5169	435	305	5909	580	3811	0	0	5794	5893	-845	15348	0	15348	1975	17323	49.98
MUs	131.57	9.31	7.03	147.90	8.75	105.97	0.00	7.18	140.56	141.24	-19.21	391.84	0.00	391.84	47.21	439.04	49.99

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/Mar/2019

Position as on 6.30 Hrs of 18/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	
MSPGCL	Chandrapur Unit 7	500	13/03/2019	20.39		Continued.	Turbine Over Speed Problem Malfunction.	
MSPGCL	Parli Unit 8	250	14/03/2019	18.10	17/03/2019	04.17	Generator protection	
MSPGCL	Khaparkhedha Unit 3	210	17/03/2019	16.05		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Mar/2019

Position as on 6.30 Hrs of 18/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-3	660	17/03/2019	18.16		Continued.	APH-B Hot PA Bellow Leakage.	
MSPGCL	Koradi Unit 6	210	17/03/2019	23.10		Continued.	DM Water Leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2019

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	11/03/2019	16.42		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/03/2019	17.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Trombay MSETCL Tie 2	IntraState	17/03/2019	08.50	17/03/2019	22.35	PO	Silicon Coating of Isolator Insulator.
Sawantwadi-Bidri	IntraState	17/03/2019	09.00	17/03/2019	11.05	PO	CB Timing Testing of CB And Quarterly Maintenance Work.
Kharghar-Borivali ckt I	IntraState	17/03/2019	09.05	17/03/2019	19.15	PO	Stringing of OPGW Cable From LOC. No.19.
Main Bus I @ Kalwa	IntraState	17/03/2019	10.54	17/03/2019	18.00	PO	Maintenance And PT Testing Work.
Talandage - Sawantwadi I	IntraState	17/03/2019	11.32	17/03/2019	13.01	PO	CB Timing of CB And Quarterly Maintenance Work.
Niwali - Pawas Line	IntraState	17/03/2019	13.47	17/03/2019	15.27	T	Distance Protection, D=48.09KM, RPH. 1.635KA.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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