

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Mar/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.673	2038.239	1) Gujrat	2.523	38.576
2) Hydro	7.118	147.895	2) Madhya Pradesh	18.267	275.804
3) Gas	3.829	109.119	3) Chattisgarh	5.760	85.950
Total MSPGCL	142.620	2295.253	4) Maharashtra	115.563	1794.746
B) 1) APLM	72.751	1165.085	5) Goa (Amona)	-0.396	-5.852
2) JSWEL	21.850	351.318	Total	141.717	2189.224
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.849	305.122
4) RPL(AMT)	5.214	41.139	b) Mumbai Drawl	21.186	323.489
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	20.972	212.774
6) Other IPP	15.032	189.571	Include PX	-0.884	-21.771
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.849	305.122
C) 1) TPCL Thermal	13.997	221.050	Include PX	13.181	115.659
2) TPCL Hydro	4.227	72.322	Standby	0.000	0.000
3) TPCL Gas	4.374	69.222	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.573	158.511	1) MSEDCL	397.938	6225.694
D) STATE			2) Mumbai Discoms	53.357	844.596
1) Thermal	270.090	4164.913	TOTAL STATE	451.295	7070.290
(A1+C1+C4+(B1-B6))					
2) Hydro	11.345	220.217			
(A2+C2)					
3) Gas	8.203	178.341			
(A3+B7+C3)					
4) Wind	12.749	203.380			
6) SOLAR	7.191	114.213			
TOTAL STATE	309.578	4881.064			

* 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	5764	5728	5696	5025
MSPGCL Hydro	390	317	537	193
MSPGCL Gas	144	144	138	153
MSPGCL Total Generation	6298	6189	6371	5371
Central Sector Receipt	5964	6065	5839	4988
WIND	447	402	539	685
CPP / IPP Thermal	5188	5127	5048	4332
CPP / IPP Gas	0	0	0	0
SOLAR	979	995	0	0
Exchange with Mumbai	-1020	-988	-1136	-530
MSEDCL DEMAND MET	17856	17790	16661	14846
Load Shedding	0	0	0	0
MSEDCL DEMAND	17856	17790	16661	14846
TPCL GENERATION	1220	1235	1034	684
AEML GENERATION	496	483	374	374
MUMBAI DEMAND	2736	2706	2544	1588
STATE DEMAND MET	20592	20496	19205	16434
STATE DEMAND	20592	20496	19205	16434
Frequency (Hz)	50.02	50.00	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.01 Hrs	49.8 Hz at 22.17 Hrs	50.01	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 16/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.67	61.76	170	135
Unit 7	0.00	0.00	0	0
Unit 8	9.59	158.79	435	349
Unit 9	11.16	137.61	552	351
Unit 10	9.58	159.09	481	350
Total	34.00	517.25		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.03	115.76	500	350
Unit 5	10.03	161.64	500	350
Total	20.06	277.40		
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	0.00	11.67	0	0
Total	0.00	11.67		
Chandrapur				
Unit 3	4.53	71.40	196	163
Unit 4	4.44	68.95	190	166
Unit 5	9.58	151.91	415	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	33.34	0	0
Unit 8	10.99	174.74	480	425
Unit 9	10.52	170.10	465	388
Total	40.07	670.43		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.88	90.83	250	240
Total	5.88	90.83		
Khaparkheda				
Unit 1	4.28	62.70	195	160
Unit 2	4.04	61.18	180	160
Unit 3	4.10	63.27	198	137
Unit 4	4.04	53.91	190	90
Unit 5	10.99	162.36	470	436
Total	27.45	403.43		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.21	67.23	208	155
Unit 5	0.00	0.00	0	0
Total	4.21	67.23		
Uran				
All Units	3.83	109.12	304	133
Total	3.83	109.12		
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	1.78	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	1.78		
Koyna				
Stage 1-2	2.92	46.50	360	40
Stage 4	0.00	16.65	0	0
Stage 3	0.37	13.86	80	0
Total	3.29	77.02		
Hydro				
KDPH	0.89	12.75	37	37
VTRNA	0.98	14.91	61	0
TILLARI	0.48	4.69	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	3.98	80	0
RNGR+BHTSA	0.31	4.65	13	12
BHANDARDRA	0.42	7.13	18	17
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	9.32	21	20
GHATGHAR	0.00	13.44	0	0
Total	3.83	70.87		
Wind				
Total	12.75	203.38	0	0
Total	12.75	203.38		
CPP				
APML(Mus)	72.75	1165.08	0	0
JSWEL(Mus)	21.85	351.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.21	41.14	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.03	189.57	0	0
Total	114.85	1747.11		
SOLAR				
Total	7.19	114.21	0	0
Total	7.19	114.21		
Tata				
Trombay 5	8.72	138.77	483	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	44.00	117	115
Trombay 7B	1.59	25.22	67	65
Trombay 8	5.28	82.28	230	200
TATA Hydro	4.23	72.32	355	36
Total	22.60	362.59		
AEML				
DTPS U-1&2	9.57	158.51	501	373
Total	9.57	158.51		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.67	2038.24	MSPGCL Total	142.62	2295.25
			MSPGCL Thml+Gas	135.50	2147.36	Koyna 1,2 & 4 Total	2.92	63.16
			MSPGCL Hydro	7.12	147.90	State Total	309.58	4881.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5113	187	177	5477	505	4432	0	0	5821	5831	-741	15504	0	15504	1859	17363	50.02
2	5126	187	153	5466	582	4423	0	0	5555	5428	-651	15248	0	15248	1718	16966	50.03
3	5033	188	142	5363	635	4350	0	0	5220	5300	-569	15079	0	15079	1636	16715	49.99
4	5025	193	153	5371	685	4332	0	0	5191	4988	-530	14846	0	14846	1588	16434	50.01
5	5066	199	154	5419	641	4394	0	0	5424	5681	-527	15608	0	15608	1585	17193	50.08
6	5371	278	154	5803	692	4815	0	0	5743	5513	-565	16258	0	16258	1680	17938	49.94
7	5770	324	154	6248	710	5213	0	10	5843	5862	-474	17569	0	17569	1808	19377	50.00
8	5867	413	154	6434	501	5230	0	154	5918	6039	-517	17841	0	17841	1947	19788	50.03
9	5882	333	152	6367	337	5175	0	414	6059	6162	-737	17718	0	17718	2196	19914	50.06
10	5837	225	149	6211	318	5143	0	720	6187	6229	-988	17633	0	17633	2477	20110	50.03
11	5806	252	136	6194	466	5100	0	872	6299	6302	-1117	17817	0	17817	2683	20500	50.02
12	5764	390	144	6298	447	5188	0	979	6282	5964	-1020	17856	0	17856	2736	20592	50.02
13	5728	317	144	6189	402	5127	0	995	6271	6065	-988	17790	0	17790	2706	20496	50.00
14	5578	254	143	5975	330	4851	0	951	6203	6303	-1119	17291	0	17291	2566	19857	50.05
15	5436	507	133	6076	379	4805	0	853	6202	6491	-1125	17479	0	17479	2577	20056	49.96
16	5701	272	143	6116	428	4940	0	668	6222	6481	-1127	17506	0	17506	2578	20084	49.96
17	5637	197	144	5978	518	4917	0	422	6226	6343	-1117	17061	0	17061	2546	19607	50.00
18	5570	244	146	5960	550	4745	0	145	6028	6222	-1097	16525	0	16525	2504	19029	49.99
19	5534	384	147	6065	469	4690	0	8	5764	5981	-1112	16101	0	16101	2494	18595	49.99
20	5696	537	138	6371	539	5048	0	0	5879	5839	-1136	16661	0	16661	2544	19205	50.02
21	5498	312	150	5960	620	4686	0	0	5945	5687	-1127	15826	0	15826	2454	18280	50.03
22	5330	304	186	5820	695	4432	0	0	5736	5758	-994	15711	0	15711	2310	18021	50.02
23	5272	298	229	5799	692	4439	0	0	5824	5656	-944	15642	0	15642	2145	17787	49.97
24	5033	323	304	5660	608	4372	0	0	5710	5592	-864	15368	0	15368	2020	17388	49.98
MUs	131.67	7.12	3.83	142.62	12.75	114.85	0.00	7.19	141.55	141.72	-21.19	397.94	0.00	397.94	53.36	451.29	50.01

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 16/Mar/2019

Position as on 6.30 Hrs of 17/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Dhariwal	300	12/01/2019	10.15	16/03/2019	00.15	Coal Shortage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Mar/2019

Position as on 6.30 Hrs of 17/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	16/03/2019	00.16	16/03/2019	20.57	Air filter replacement work.	
MSPGCL	Khaparkheda Unit 3	210	17/03/2019	16.05		Continued.	Furnace Pressure High	
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 16/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2019

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 @ Ektuni	IntraState	16/03/2019	12.12	16/03/2019	19.50	PO	Winding and capacitor Tan measurement and maintenance work
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
Dabhol Nagothane I	InterState	14/03/2019	10.55	16/03/2019	09.06	PO	Le Scheme for Insulator String Replacement.
Khadka-Aurangabad (Waluj)	IntraState	15/03/2019	16.58	16/03/2019	07.41	HT	Over Voltage
Lonikand2-Lonikand1 (Intrconector)	IntraState	16/03/2019	09.54	16/03/2019	12.55	PO	Routine Maintenance Work
Ektuni-Bableshtar ckt I	IntraState	16/03/2019	10.44	16/03/2019	20.10	PO	ICT Outage at Ektuni
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.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	16/03/2019	08.26	16/03/2019	16.34	PO	Quarterly Maintenance Work
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.
Salsette - Sahara	IntraState	16/03/2019	07.25	16/03/2019	10.29	PO	Tree Trimming
Bhugaon-WardhaPG (Deoli)	IntraState	16/03/2019	08.33	16/03/2019	16.52	PO	Fixing of Vibration Damper
Magar Patta City- Serum	IntraState	16/03/2019	09.22	16/03/2019	16.22	PO	Testing Work
512 Khadki- Century Enka	IntraState	16/03/2019	10.11	16/03/2019	19.19	PO	Cold chemical washing of Disc Insulator String
Padghe - Vasai	IntraState	16/03/2019	10.20	16/03/2019	17.04	PO	Jumper Tightening work
Uran - Kharghar I	IntraState	16/03/2019	10.37	16/03/2019	18.32	PO	Replacement of Deteriorated conductor
Khadka-Chalisgaon-1	IntraState	16/03/2019	12.32	16/03/2019	18.34	PO	Jumpering and charging of LILO line for 220KV Kekatnibhora
Khadka-Chalisgaon-2	IntraState	16/03/2019	12.34	16/03/2019	18.46	PO	Jumpering and charging of LILO line for 220KV Kekatnibhora
Kalwa - Siemens	IntraState	16/03/2019	15.07	16/03/2019	17.42	PO	Testing Work
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.
220 KV ICT Outages/Trippings							

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 16/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	16/03/2019	12.17	16/03/2019	18.02	PO	Testing Work
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.