

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.910	1906.566	1) Gujrat	2.175	36.053
2) Hydro	11.013	140.777	2) Madhya Pradesh	16.766	257.537
3) Gas	6.901	105.290	3) Chattisgarh	5.920	80.190
Total MSPGCL	145.824	2152.633	4) Maharashtra	114.935	1679.183
B) 1) APML	73.257	1092.334	5) Goa (Amona)	-0.418	-5.456
2) JSWEL	23.588	329.468	Total	139.378	2047.507
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.259	284.272
4) RPL(AMT)	5.245	35.925	b) Mumbai Drawl	22.198	302.303
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	15.179	191.802
6) Other IPP	11.396	174.539	Include PX	-0.260	-20.888
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.259	284.272
C) 1) TPCL Thermal	13.325	207.053	Include PX	7.346	102.478
2) TPCL Hydro	5.813	68.095	Standby	0.000	0.000
3) TPCL Gas	4.373	64.848	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.338	148.938	1) MSEDCL	394.133	5827.756
D) STATE			2) Mumbai Discoms	55.047	791.239
1) Thermal	264.059	3894.823	TOTAL STATE	449.180	6618.995
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	16.826	208.872			
3) Gas (A3+B7+C3)	11.274	170.138			
4) Wind	11.535	190.631			
6) SOLAR	6.108	107.022			
TOTAL STATE	309.802	4571.486			

* 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	5707	5794	5413	4728
MSPGCL Hydro	757	642	741	293
MSPGCL Gas	280	265	285	305
MSPGCL Total Generation	6744	6701	6439	5326
Central Sector Receipt	6240	6013	5967	5239
WIND	335	277	230	883
CPP / IPP Thermal	5034	5046	4747	4214
CPP / IPP Gas	0	0	0	0
SOLAR	825	823	0	0
Exchange with Mumbai	-1294	-1261	-1105	-511
MSEDCL DEMAND MET	17884	17598	16278	15151
Load Shedding	0	0	0	0
MSEDCL DEMAND	17884	17598	16278	15151
TPCL GENERATION	1180	1177	1146	686
AEML GENERATION	374	373	373	373
MUMBAI DEMAND	2848	2811	2624	1570
STATE DEMAND MET	20732	20410	18902	16721
STATE DEMAND	20732	20410	18902	16721
Frequency (Hz)	50.00	50.00	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.83 Hz at 20.46 Hrs	50	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 15/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.80	58.09	180	130
Unit 7	0.00	0.00	0	0
Unit 8	9.62	149.20	477	347
Unit 9	10.50	126.45	562	351
Unit 10	9.62	149.51	509	294
Total	33.54	483.25		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.79	105.74	500	350
Unit 5	9.84	151.61	500	350
Total	19.63	257.34		
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	4.60	66.87	197	163
Unit 4	4.38	64.50	190	166
Unit 5	9.45	142.33	405	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	33.34	0	0
Unit 8	11.22	163.74	490	400
Unit 9	10.89	159.58	465	390
Total	40.53	630.36		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.71	84.95	251	230
Total	5.71	84.95		
Khaparkheda				
Unit 1	4.37	58.42	195	145
Unit 2	4.18	57.14	180	160
Unit 3	4.63	59.17	200	155
Unit 4	0.13	49.87	80	0
Unit 5	11.02	151.37	470	445
Total	24.32	375.98		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.17	63.01	207	160
Unit 5	0.00	0.00	0	0
Total	4.17	63.01		
Uran				
All Units	6.90	105.29	307	265
Total	6.90	105.29		
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)	0.13	1.62	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	1.62		
Koyna				
Stage 1-2	4.19	43.58	515	40
Stage 4	1.60	16.65	461	0
Stage 3	1.19	13.49	160	0
Total	6.98	73.73		
Hydro				
KDPH	0.89	11.86	37	37
VTRNA	1.00	13.93	60	0
TILLARI	0.36	4.21	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	3.71	80	0
RNGR+BHTSA	0.28	4.34	12	11
BHANDARDRA	0.42	6.71	18	17
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	8.83	21	20
GHATGHAR	0.25	13.44	125	0
Total	4.03	67.04		
Wind				
Total	11.54	190.63	0	0
Total	11.54	190.63		
CPP				
APML(Mus)	73.26	1092.33	0	0
JSWEL(Mus)	23.59	329.47	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.24	35.92	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.40	174.54	0	0
Total	113.49	1632.27		
SOLAR				
Total	6.11	107.02	0	0
Total	6.11	107.02		
Tata				
Trombay 5	8.06	130.04	481	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	41.22	117	115
Trombay 7B	1.59	23.63	67	65
Trombay 8	5.26	77.01	234	200
TATA Hydro	5.81	68.10	459	10
Total	23.51	340.00		
AEML				
DTPS U-1&2	9.34	148.94	500	373
Total	9.34	148.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.91	1906.57	MSPGCL Total	145.82	2152.63
			MSPGCL Thml+Gas	134.81	2011.86	Koyna 1,2 & 4 Total	5.79	60.24
			MSPGCL Hydro	11.01	140.78	State Total	309.80	4571.49

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5021	193	306	5520	780	4476	0	0	5402	5398	-699	15475	0	15475	1821	17296	50.01
2	5002	188	296	5486	782	4266	0	0	5304	5292	-631	15194	0	15194	1694	16888	50.01
3	4852	193	294	5339	835	4291	0	0	5256	5290	-542	15213	0	15213	1607	16820	50.02
4	4728	293	305	5326	883	4214	0	0	5176	5239	-511	15151	0	15151	1570	16721	50.02
5	4983	198	294	5475	862	4307	0	0	5485	5314	-527	15431	0	15431	1585	17016	50.01
6	5065	458	305	5828	812	4374	0	0	5773	6007	-624	16397	0	16397	1694	18091	49.99
7	5338	1204	296	6838	746	4856	0	8	5975	5697	-709	17436	0	17436	1883	19319	50.02
8	5381	863	307	6551	626	4957	0	122	6023	6307	-600	17963	0	17963	2077	20040	50.03
9	5378	651	292	6321	546	5167	0	364	5924	5907	-773	17532	0	17532	2357	19889	50.02
10	5526	336	288	6150	517	5124	0	602	6045	5940	-989	17344	0	17344	2619	19963	50.02
11	5402	473	282	6157	465	4869	0	753	6115	6301	-1242	17303	0	17303	2789	20092	49.98
12	5707	757	280	6744	335	5034	0	825	6122	6240	-1294	17884	0	17884	2848	20732	50.00
13	5794	642	265	6701	277	5046	0	823	6075	6013	-1261	17598	0	17598	2811	20410	50.00
14	5739	226	273	6238	181	5035	0	818	5984	5991	-1123	17140	0	17140	2674	19814	49.97
15	5556	446	265	6267	217	4971	0	727	5977	5889	-1155	16916	0	16916	2709	19625	49.98
16	5777	266	277	6320	195	5030	0	575	5997	6093	-1167	17046	0	17046	2720	19766	50.00
17	5648	181	278	6107	252	4966	0	361	6001	6101	-1143	16644	0	16644	2699	19342	50.00
18	5499	186	270	5955	305	4837	0	123	5787	5818	-1114	15924	0	15924	2656	18580	50.04
19	5456	398	282	6136	277	4672	0	7	5538	5614	-1100	15606	0	15606	2612	18218	50.03
20	5413	741	285	6439	230	4747	0	0	5907	5967	-1105	16278	0	16278	2624	18902	49.99
21	5341	504	286	6131	247	4624	0	0	5791	5794	-1057	15739	0	15739	2493	18232	49.95
22	5154	820	288	6262	327	4481	0	0	5682	5678	-985	15763	0	15763	2316	18079	49.99
23	5074	512	298	5884	397	4623	0	0	5689	5727	-962	15669	0	15669	2165	17834	50.00
24	5076	284	289	5649	441	4524	0	0	5792	5761	-885	15490	0	15490	2024	17514	49.99
MUs	127.91	11.01	6.90	145.82	11.54	113.49	0.00	6.11	138.82	139.38	-22.20	394.13	0.00	394.13	55.05	449.18	50.00

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 15/Mar/2019

Position as on 6.30 Hrs of 16/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	Khaparkhedha Unit 4	210	13/03/2019	22.45	15/03/2019	22.00	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Mar/2019

Position as on 6.30 Hrs of 16/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	14/03/2019	18.10		Continued.	Generator protection	
MSPGCL	Uran Unit 5	108	16/03/2019	00.16		Continued.	Air filter replacement work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 16/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
Dabhol Nagothane I	InterState	14/03/2019	10.55	16/03/2019	09.06	PO	Le Scheme for Insulator String Replacement.
Chandrapur-II - Warora - I	InterState	15/03/2019	08.03	15/03/2019	11.40	PO	TIGHTING OF CONDUCTOR, EARTHWIRE.
Padgha Tarapur II	InterState	15/03/2019	10.36	15/03/2019	16.30	EO	EM-SHIFTING ON TBC,ATTENDING DAMAGED Y PHASE CONDUCTOR BY PG CLAMP.
Khadka-Aurangabad (Waluj)	IntraState	14/03/2019	17.09	15/03/2019	07.50	HT	Over Voltage
Deepnagar Taptitanda	IntraState	15/03/2019	10.29	15/03/2019	19.20	PO	Quarterly Maintainance Work
N.Koyna-Karad -Ckt I	IntraState	15/03/2019	14.56	15/03/2019	17.47	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	15/03/2019	16.58		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 500 Mva Ict-3 @Nagothane	IntraState	15/03/2019	09.40	15/03/2019	19.06	PO	REPAIR OF 29 C DB ISOLATOR & ICT PAINTING WORK.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	15/03/2019	10.42	15/03/2019	17.27	PO	SHIFTING ON TBC, DAIGNOSTIC TESTING 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.
Ambazari-Amravati	IntraState	13/03/2019	10.17	15/03/2019	17.34	PO	To carry out the in line tower erection work of LOC 159A of 220KV Amravati -ambazari lilo at karanja S/STN under existing 220KV S/C ambazari amravati T/L.
Kalmeshwar-Pandhurna	IntraState	15/03/2019	08.16	15/03/2019	19.59	EO	EM- RESTRINGING OF BOTTOM PHASE FOR MAINTAINING SAG.
Kadegaon-Miraj	IntraState	15/03/2019	10.30	15/03/2019	13.30	PO	Testing Work
Bhugaon- Wardha	IntraState	15/03/2019	10.30	15/03/2019	19.29	PO	FIXING OF VIBRATION DAMPER.
Anandnagar - Pal	IntraState	15/03/2019	10.55	15/03/2019	12.35	T	TRIPPED AT PAL END ONLY, CHARGED THROUGH TBC.
Apta - Taloja	IntraState	15/03/2019	11.22	15/03/2019	17.55	PO	EM-HOTSPOT & CT LEAKAGE WORK.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Emco Ptr 1 @Pal-Dombivali	IntraState	15/03/2019	09.40	15/03/2019	23.57	PO	FCC REPLACEMENT WORK.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	15/03/2019	09.57	15/03/2019	17.22	PO	Attending Oil Leakage
220/22 Kv 50 Mva Alstom Ptr 1 @Mulund	IntraState	15/03/2019	10.07	15/03/2019	17.15	PO	Testing Work
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	15/03/2019	11.10	15/03/2019	15.06	PO	REPLACEMENT OF WTI/OTI & RMW.
132 KV LINE 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 15/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 16/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.