

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Mar/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.362	1646.586	1) Gujrat	2.358	32.471
2) Hydro	8.836	119.036	2) Madhya Pradesh	15.569	223.697
3) Gas	7.015	91.397	3) Chattisgarh	4.810	69.310
Total MSPGCL	157.213	1857.019	4) Maharashtra	111.114	1450.943
B) 1) APLM	73.285	945.198	5) Goa (Amona)	-0.286	-4.686
2) JSWEL	23.634	284.593	Total	133.565	1771.735
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.186	243.222
4) RPL(AMT)	5.303	25.120	b) Mumbai Drawl	21.261	260.829
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.502	164.606
6) Other IPP	11.310	151.642	Include PX	-3.471	-17.674
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.186	243.222
C) 1) TPCL Thermal	14.061	178.936	Include PX	7.253	87.747
2) TPCL Hydro	5.946	56.193	Standby	0.000	0.000
3) TPCL Gas	4.362	56.107	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.773	129.333	1) MSEDCL	403.655	5035.034
D) STATE			2) Mumbai Discoms	55.403	681.400
1) Thermal	278.728	3361.408	TOTAL STATE	459.058	5716.434
(A1+C1+C4+(B1-B6))					
2) Hydro	14.782	175.229			
(A2+C2)					
3) Gas	11.377	147.504			
(A3+B7+C3)					
4) Wind	14.128	166.342			
6) SOLAR	6.478	94.214			
TOTAL STATE	325.493	3944.697			

* 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	6437	6109	6084	5371
MSPGCL Hydro	557	435	306	180
MSPGCL Gas	284	283	289	296
MSPGCL Total Generation	7278	6827	6679	5847
Central Sector Receipt	5990	6000	5589	5133
WIND	244	251	631	899
CPP / IPP Thermal	5101	5172	4972	4164
CPP / IPP Gas	0	0	0	0
SOLAR	895	890	0	0
Exchange with Mumbai	-1032	-990	-1129	-539
MSEDCL DEMAND MET	18476	18150	16742	15504
Load Shedding	0	0	0	0
MSEDCL DEMAND	18476	18150	16742	15504
TPCL GENERATION	1347	1341	1119	686
AEML GENERATION	503	501	372	374
MUMBAI DEMAND	2882	2832	2620	1599
STATE DEMAND MET	21358	20982	19362	17103
STATE DEMAND	21358	20982	19362	17103
Frequency (Hz)	49.96	50.01	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.01 Hrs	49.69 Hz at 05.40 Hrs	49.98	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 13/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	50.24	175	145
Unit 7	0.00	0.00	0	0
Unit 8	10.66	130.02	479	422
Unit 9	11.02	106.00	507	380
Unit 10	10.61	129.16	490	400
Total	36.23	415.43		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.52	85.40	500	355
Unit 5	10.49	131.14	505	350
Total	21.00	216.55		
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	5.18	7.42	251	185
Total	5.18	7.42		
Chandrapur				
Unit 3	4.44	57.84	195	166
Unit 4	4.12	56.06	190	138
Unit 5	9.49	123.23	420	365
Unit 6	0.00	0.00	0	0
Unit 7	3.83	33.34	368	0
Unit 8	10.73	142.00	485	360
Unit 9	10.62	138.16	475	365
Total	43.22	550.63		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.66	73.36	256	190
Total	5.66	73.36		
Khaparkheda				
Unit 1	4.02	50.04	180	155
Unit 2	3.90	48.81	170	150
Unit 3	3.98	50.07	172	160
Unit 4	3.74	49.74	170	0
Unit 5	10.22	130.14	460	380
Total	25.86	328.80		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.21	54.40	207	157
Unit 5	0.00	0.00	0	0
Total	4.21	54.40		
Uran				
All Units	7.02	91.40	306	280
Total	7.02	91.40		
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)	0.11	1.35	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	1.35		
Koyna				
Stage 1-2	3.24	35.78	445	40
Stage 4	0.84	13.26	203	0
Stage 3	0.94	10.90	80	0
Total	5.02	59.94		
Hydro				
KDPH	0.89	10.08	37	37
VTRNA	0.96	11.99	61	0
TILLARI	0.53	3.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	2.99	80	0
RNGR+BHTSA	0.27	3.79	12	11
BHANDARDRA	0.42	5.87	38	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	7.86	18	17
GHATGHAR	0.00	13.09	0	0
Total	3.82	59.09		
Wind				
Total	14.13	166.34	0	0
Total	14.13	166.34		
CPP				
APML(Mus)	73.28	945.20	0	0
JSWEL(Mus)	23.63	284.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.30	25.12	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.31	151.64	0	0
Total	113.53	1406.55		
SOLAR				
Total	6.48	94.21	0	0
Total	6.48	94.21		
Tata				
Trombay 5	8.78	112.50	477	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	35.65	117	115
Trombay 7B	1.58	20.46	67	65
Trombay 8	5.28	66.44	232	203
TATA Hydro	5.95	56.19	459	35
Total	24.37	291.24		
AEML				
DTPS U-1&2	9.77	129.33	503	372
Total	9.77	129.33		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	141.36	1646.59
MSPGCL Thml+Gas	148.38	1737.98
MSPGCL Hydro	8.84	119.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	157.21	1857.02
Koyna 1,2 & 4 Total	4.08	49.04
State Total	325.49	3944.70

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Mar/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5220	195	295	5710	1026	4124	0	0	5340	5508	-708	15660	0	15660	1863	17523	49.94
2	5287	375	295	5957	752	4180	0	0	5304	5268	-621	15536	0	15536	1727	17263	49.96
3	5355	185	305	5845	767	4159	0	0	5299	5425	-584	15612	0	15612	1648	17260	50.01
4	5371	180	296	5847	899	4164	0	0	5241	5133	-539	15504	0	15504	1599	17103	49.98
5	5402	185	306	5893	927	4173	0	0	5299	5077	-544	15526	0	15526	1604	17130	50.00
6	5805	210	292	6307	715	4275	0	0	5637	5807	-666	16438	0	16438	1726	18164	49.90
7	6373	772	304	7449	648	4761	0	3	5905	5939	-656	18144	0	18144	1919	20063	49.93
8	6432	491	297	7220	529	4936	0	130	5998	5936	-615	18136	0	18136	2125	20261	50.01
9	6359	330	303	6992	362	5042	0	386	5820	5980	-831	17931	0	17931	2384	20315	50.00
10	6343	345	291	6979	315	5004	0	623	5893	5840	-947	17814	0	17814	2657	20471	50.04
11	6464	296	286	7046	243	5041	0	813	5965	5731	-1085	17789	0	17789	2834	20623	49.99
12	6437	557	284	7278	244	5101	0	895	5977	5990	-1032	18476	0	18476	2882	21358	49.96
13	6109	435	283	6827	251	5172	0	890	5938	6000	-990	18150	0	18150	2832	20982	50.01
14	5994	328	281	6603	371	5078	0	907	5858	5846	-1027	17778	0	17778	2681	20459	50.00
15	5931	646	280	6857	391	4999	0	762	5851	5867	-1131	17745	0	17745	2690	20435	49.91
16	5942	544	282	6768	441	4946	0	593	5864	5802	-1139	17411	0	17411	2714	20125	49.97
17	6042	287	282	6611	433	5020	0	360	5798	5606	-993	17037	0	17037	2672	19709	50.00
18	6074	251	287	6612	451	4977	0	110	5442	5376	-1075	16451	0	16451	2641	19092	50.01
19	6166	232	288	6686	513	4989	0	6	5150	5044	-1093	16145	0	16145	2609	18754	50.03
20	6084	306	289	6679	631	4972	0	0	5636	5589	-1129	16742	0	16742	2620	19362	50.00
21	5752	582	301	6635	595	4785	0	0	4953	5031	-1052	15994	0	15994	2486	18480	50.03
22	5689	344	293	6326	793	4833	0	0	5222	5242	-1022	16172	0	16172	2313	18485	50.04
23	5402	212	302	5916	878	4591	0	0	5101	5192	-942	15635	0	15635	2162	17797	49.95
24	5329	548	293	6170	953	4210	0	0	5109	5336	-840	15829	0	15829	2015	17844	49.96
MUs	141.36	8.84	7.01	157.21	14.13	113.53	0.00	6.48	133.60	133.57	-21.26	403.65	0.00	403.65	55.40	459.06	49.98

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 13/Mar/2019

Position as on 6.30 Hrs of 14/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		Continued.	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	12/03/2019	21.09	13/03/2019	00.44	Turbine Overspeed Protection Malfunction.	
MSPGCL	Chandrapur Unit 7	500	13/03/2019	12.05	13/03/2019	17.32	Turbine Over Speed Problem Malfunction	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Mar/2019

Position as on 6.30 Hrs of 14/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 7	500	13/03/2019	20.39		Continued.	Turbine Over Speed Problem Malfunction.	
MSPGCL	Khaparkheda Unit 4	210	13/03/2019	22.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 14/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
Padgha - Boisar (PG)	InterState	13/03/2019	13.00	13/03/2019	21.49	PO	Maintenance & Testing Work.
Khadka-Aurangabad (Waluj)	IntraState	12/03/2019	16.59	13/03/2019	06.42	HT	Over Voltage
Koradi-Bhusawal	IntraState	13/03/2019	09.16	13/03/2019	12.19	HT	For Taking Out LR.
Nagothane - Dabhol I	IntraState	13/03/2019	10.02	13/03/2019	19.31	PO	LE Scheme For Insulator String Replacement.
Bableshwar- Aurangabad (Waluj)	IntraState	13/03/2019	10.19	13/03/2019	15.26	PO	Change Of CT Ratio.
Taptitanda Waluj	IntraState	13/03/2019	11.48	13/03/2019	14.12	PO	Line Maintenance By Hotline.
Khadka-Aurangabad (Waluj)	IntraState	13/03/2019	18.15	14/03/2019	06.39	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 1 @Dhule	IntraState	13/03/2019	09.48	13/03/2019	18.46	PO	Erection Of 220KV IPS Tube For RRS Project.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	13/03/2019	11.21	13/03/2019	14.00	PO	Diagnositc 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.
220kv Halkarni- Tillary	IntraState	13/03/2019	09.13	13/03/2019	18.25	PO	Insulator Cleaning Work & Replacement of Flashover.
Pusad - Hingoli	IntraState	13/03/2019	09.26	13/03/2019	20.29	PO	Line Maintenance work
Gadchandur - Virur-li	IntraState	13/03/2019	09.35	13/03/2019	12.30	PO	Line Maintenance work
Kanhan-Bhandara I	IntraState	13/03/2019	10.09	13/03/2019	13.45	PO	Outage for replacement of flash disc insulator on T.L 283 RPH.
OSMANABAD BARSHI	IntraState	13/03/2019	10.15	13/03/2019	14.04	PO	Quarterly Maintainance Work
Ongc Panvel - Tss Panvel	IntraState	13/03/2019	10.17	13/03/2019	16.56	PO	Diagnostic Testing Work.
Ambazari-Amravati	IntraState	13/03/2019	10.17		Continued.	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.
Chikhli-Jalna-I	IntraState	13/03/2019	11.50	13/03/2019	11.59	T	B/U E/F r-PH Tripped at chikhali end only.
Lamboti(solapur)-Karkamb	IntraState	13/03/2019	11.59	13/03/2019	14.31	PO	Routine Maintenance Work
220KV Sawangi- Bhokardan	IntraState	13/03/2019	12.05	13/03/2019	16.45	PO	Relay Testing Work.
Uran - Jnpt	IntraState	13/03/2019	12.18	13/03/2019	20.44	PO	Routine Maintenance Work
Parli New Tps - Beed Ckt 2	IntraState	13/03/2019	13.19	13/03/2019	20.53	PO	Errection of new in line N/B tower at LOC no. 84&87 for parli beed railway line crossing.
Parli New Tps - Beed Ckt 1	IntraState	13/03/2019	13.19	13/03/2019	20.53	PO	Errection of new in line N/B tower at LOC no. 84&87 for parli beed railway line crossing.

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 13/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 150 Mva Cgl Ict 3 @Eklahre (Ocr)	IntraState	13/03/2019	11.42	13/03/2019	13.44	EO	Relay Testing Work.
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	13/03/2019	17.00	13/03/2019	19.50	PO	Tan Delta Measurment.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	01/03/2019	13.37		Continued.	HT	H/T from pench end for system requirement
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.