

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Mar/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.401	1120.969	1) Gujrat	2.765	22.938
2) Hydro	11.268	80.257	2) Madhya Pradesh	18.551	157.173
3) Gas	6.959	63.475	3) Chattisgarh	4.990	49.650
Total MSPGCL	137.628	1264.701	4) Maharashtra	112.003	1001.238
B) 1) APML	75.276	653.616	5) Goa (Amona)	-0.374	-3.234
2) JSWEL	23.066	191.716	Total	137.935	1227.765
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.203	167.481
4) RPL(AMT)	3.739	3.739	b) Mumbai Drawl	19.089	179.134
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.465	112.054
6) Other IPP	10.653	106.464	Include PX	0.225	-11.477
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.203	167.481
C) 1) TPCL Thermal	13.597	123.060	Include PX	5.147	63.091
2) TPCL Hydro	3.963	37.566	Standby	0.000	0.000
3) TPCL Gas	4.328	38.740	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.762	89.902	1) MSEDCL	390.456	3446.594
D) STATE			2) Mumbai Discoms	51.739	468.401
1) Thermal	256.494	2289.466	TOTAL STATE	442.195	3914.995
(A1+C1+C4+(B1-B6))					
2) Hydro	15.231	117.823			
(A2+C2)					
3) Gas	11.287	102.215			
(A3+B7+C3)					
4) Wind	13.822	110.869			
6) SOLAR	7.426	66.858			
TOTAL STATE	304.260	2687.231			

* 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	5266	5265	5064	4613
MSPGCL Hydro	1018	640	211	132
MSPGCL Gas	281	282	285	299
MSPGCL Total Generation	6565	6187	5560	5044
Central Sector Receipt	6242	6188	5749	5194
WIND	260	315	892	612
CPP / IPP Thermal	5099	5027	4846	4283
CPP / IPP Gas	0	0	0	0
SOLAR	1004	1027	0	0
Exchange with Mumbai	-1003	-966	-1064	-492
MSEDCL DEMAND MET	18167	17778	15983	14641
Load Shedding	0	0	0	0
MSEDCL DEMAND	18167	17778	15983	14641
TPCL GENERATION	1145	1131	955	680
AEML GENERATION	501	500	470	374
MUMBAI DEMAND	2649	2597	2489	1546
STATE DEMAND MET	20816	20375	18472	16187
STATE DEMAND	20816	20375	18472	16187
Frequency (Hz)	49.95	49.93	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13:01 Hrs	49.69 Hz at 21:06 Hrs	49.94	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 09/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.76	34.65	170	135
Unit 7	0.00	0.00	0	0
Unit 8	9.30	89.57	451	339
Unit 9	10.63	63.96	553	332
Unit 10	10.10	87.77	480	350
Total	33.79	275.95		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	58.77	0	0
Unit 5	9.84	90.27	500	355
Total	9.84	149.04		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.57	40.00	197	165
Unit 4	4.41	38.92	190	163
Unit 5	9.14	85.64	405	360
Unit 6	0.00	0.00	0	0
Unit 7	0.55	22.77	234	0
Unit 8	11.09	99.24	490	370
Unit 9	10.90	96.19	470	360
Total	40.65	382.76		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.79	50.52	258	175
Total	5.79	50.52		
Khaparkheda				
Unit 1	3.82	34.06	180	135
Unit 2	3.59	33.05	160	140
Unit 3	3.82	34.23	170	140
Unit 4	3.76	34.23	175	140
Unit 5	10.15	89.68	440	370
Total	25.13	225.26		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.19	37.44	210	159
Unit 5	0.00	0.00	0	0
Total	4.19	37.44		
Uran				
All Units	6.96	63.48	309	268
Total	6.96	63.48		
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)	0.17	0.65	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	0.65		
Koyna				
Stage 1-2	3.80	24.01	410	40
Stage 4	1.86	8.28	423	0
Stage 3	0.98	7.08	160	0
Total	6.64	39.37		
Hydro				
KDPH	0.89	6.55	37	37
VTRNA	0.96	8.22	61	0
TILLARI	0.46	1.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	2.01	80	0
RNGR+BHTSA	0.26	2.70	11	10
BHANDARDRA	0.45	4.13	40	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.55	2.68	23	22
GHATGHAR	0.78	13.09	250	0
Total	4.63	40.88		
Wind				
Total	13.82	110.87	0	0
Total	13.82	110.87		
CPP				
APML(Mus)	75.28	653.62	0	0
JSWEL(Mus)	23.07	191.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	3.74	3.74	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	10.65	106.46	0	0
Total	112.73	955.54		
SOLAR				
Total	7.43	66.86	0	0
Total	7.43	66.86		
Tata				
Trombay 5	8.66	77.43	479	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	24.58	117	94
Trombay 7B	1.58	14.16	67	60
Trombay 8	4.94	45.63	216	196
TATA Hydro	3.96	37.57	304	0
Total	21.89	199.37		
AEML				
DTPS U-1&2	10.76	89.90	502	374
Total	10.76	89.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.40	1120.97	MSPGCL Total	137.63	1264.70
			MSPGCL Thml+Gas	126.36	1184.44	Koyna 1,2 & 4 Total	5.66	32.29
			MSPGCL Hydro	11.27	80.26	State Total	304.26	2687.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	4579	187	305	5071	609	4461	0	0	5489	5743	-694	15190	0	15190	1789	16979	49.98
2	4664	169	295	5128	621	4548	0	0	5395	5164	-582	14879	0	14879	1657	16536	49.93
3	4609	122	308	5039	621	4421	0	0	5293	5322	-510	14893	0	14893	1579	16472	50.00
4	4613	132	299	5044	612	4283	0	0	5279	5194	-492	14641	0	14641	1546	16187	50.01
5	4696	186	309	5191	588	4506	0	0	5314	5115	-517	14883	0	14883	1553	16436	50.01
6	4845	234	300	5379	581	4595	0	0	5683	5821	-586	15790	0	15790	1657	17447	49.96
7	4959	925	309	6193	495	4702	0	9	6106	5962	-460	16901	0	16901	1791	18692	49.96
8	5018	1020	298	6336	386	4735	0	155	6316	6583	-481	17714	0	17714	1903	19617	49.99
9	5134	1309	305	6748	259	5024	0	455	5914	5732	-666	17552	0	17552	2148	19700	49.94
10	5198	903	288	6389	188	5074	0	690	6022	6248	-832	17757	0	17757	2384	20141	49.98
11	5180	854	284	6318	196	5093	0	887	6162	6230	-946	17778	0	17778	2582	20360	49.96
12	5266	1018	281	6565	260	5099	0	1004	6395	6242	-1003	18167	0	18167	2649	20816	49.95
13	5265	640	282	6187	315	5027	0	1027	6125	6188	-966	17778	0	17778	2597	20375	49.93
14	5260	340	268	5868	454	4930	0	978	6053	5995	-921	17304	0	17304	2451	19755	49.93
15	5072	438	276	5786	597	4852	0	894	5772	5804	-972	16961	0	16961	2463	19424	49.84
16	5159	387	277	5823	686	4891	0	709	6012	5840	-978	16971	0	16971	2473	19444	49.89
17	5072	210	279	5561	851	4760	0	450	5810	5875	-993	16504	0	16504	2455	18959	49.91
18	5066	372	270	5708	847	4669	0	161	5507	5489	-914	15960	0	15960	2417	18377	49.93
19	5031	205	283	5519	911	4647	0	7	5643	5621	-953	15752	0	15752	2444	18196	49.99
20	5064	211	285	5560	892	4846	0	0	5881	5749	-1064	15983	0	15983	2489	18472	49.99
21	5015	225	285	5525	882	4675	0	0	5531	5356	-992	15446	0	15446	2391	17837	49.88
22	4951	261	287	5499	713	4357	0	0	5570	5639	-954	15254	0	15254	2251	17505	49.91
23	4770	550	299	5619	689	4343	0	0	5399	5368	-869	15150	0	15150	2105	17255	49.84
24	4915	370	287	5572	569	4196	0	0	5577	5655	-744	15248	0	15248	1965	17213	49.89
MUs	119.40	11.27	6.96	137.63	13.82	112.73	0.00	7.43	138.25	137.94	-19.09	390.46	0.00	390.46	51.74	442.19	49.94

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 09/Mar/2019

Position as on 6.30 Hrs of 10/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.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30	09/03/2019	04.31	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	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
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	03/03/2019	12.20	09/03/2019	21.00	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Mar/2019

Position as on 6.30 Hrs of 10/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	07/03/2019	00.48		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	10/03/2019	09.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 10/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
Dabhol Nagothane I	InterState	06/03/2019	08.31	10/03/2019	19.09	PO	LE Scheme insulator Replacement Work.
Kalwa - Talegaon(PG)	IntraState	16/02/2019	08.59	09/03/2019	21.22	PO	Construction Work for height raising.
Kalwa - Kharghar	IntraState	16/02/2019	09.46	09/03/2019	22.17	PO	Construction Work for height raising.
Khadka-Aurangabad (Waluj)	IntraState	08/03/2019	17.17	09/03/2019	08.43	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/03/2019	18.05	10/03/2019	10.00	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/03/2019	16.49		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 Kv 500 MVA ICT-IV @Kalwa	IntraState	09/03/2019	09.58	09/03/2019	11.40	PO	Attending Oil Leakage
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	09/03/2019	10.05	09/03/2019	11.53	PO	Half yearly maintenance work
400/220 KV 315MVA ICT II @ Parli	IntraState	09/03/2019	10.22	09/03/2019	18.15	PO	Bay 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.
Boisar(MS) - Boisar (PG) - I	InterState	08/03/2019	07.18	10/03/2019	20.26	PO	Re-Routing of Existing Boisar ckt 2
Talegaon(PG)-Talegaon(Ambi)-II	InterState	10/03/2019	12.57	10/03/2019	18.49	EO	To attend Hot Spot
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.
Nalasopara-Boisar	IntraState	08/03/2019	06.36	10/03/2019	20.24	PO	Re-Routing of Existing Boisar ckt 2
Boisar Versova Line	IntraState	08/03/2019	06.57	10/03/2019	20.29	HT	H/T for availing outage om Boisar-Boisar PG CKT-1.
New Koyna - Niwali	IntraState	09/03/2019	08.22	09/03/2019	18.07	PO	Tree cutting
Kandalgaon-POSCO	IntraState	09/03/2019	09.12	09/03/2019	13.40	PO	Tree Cutting
Pigasus-Hinjewadi-II	IntraState	09/03/2019	10.01	09/03/2019	16.20	PO	Replacement of LA
Bableshwar- Bableshwar-II	IntraState	09/03/2019	10.40	09/03/2019	16.15	PO	Distance Relay Testing Work
Koradi-Butibori Rly Tss	IntraState	09/03/2019	11.09	09/03/2019	18.43	PO	For taking protection in service
Nagothane - Posco	IntraState	09/03/2019	14.02	09/03/2019	18.54	PO	Tree Cutting
Osmanabad - Solapur (Bale)	IntraState	09/03/2019	14.35	09/03/2019	17.30	PO	Line Maintenance work
Pusad-WardhaPG(Deoli)	IntraState	10/03/2019	05.48	10/03/2019	13.09	HT	Heavy Sparking on wave trap at Wardha PG
Niwali - Pawas Line	IntraState	10/03/2019	07.42	10/03/2019	18.03	T	Distance Protection Z-1 Y Phase to Earth
Salsette - Saki 7	IntraState	10/03/2019	07.50	10/03/2019	19.40	PO	For removing of Conductor 1-3 and conductor string
Kalwa-Salsette-IV	IntraState	10/03/2019	09.32	10/03/2019	13.49	PO	Testing Work
Pophali - Kdph	IntraState	10/03/2019	15.05	10/03/2019	15.45	T	Distance protection zone 3 R phase
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 09/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 10/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 200 Mva Cgl lct 1 @Raymond (Nasik 2)	IntraState	09/03/2019	09.32	09/03/2019	11.55	PO	Neutral earthing connection work
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	09/03/2019	09.52	09/03/2019	11.30	PO	Oil Top up in conservator work
220/132 Kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	IntraState	09/03/2019	12.15	09/03/2019	19.10	PO	Neutral Earthing Connection work
220/33kv 125 MVA T/F-I @ Goregaon	IntraState	10/03/2019	00.32	10/03/2019	02.58	PO	Commissioning of Auto restoration scheme
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.