

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Mar/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.897	1001.568	1) Gujrat	3.639	20.173
2) Hydro	12.836	68.989	2) Madhya Pradesh	17.943	138.622
3) Gas	7.019	56.516	3) Chattisgarh	5.560	44.660
Total MSPGCL	137.752	1127.073	4) Maharashtra	112.957	889.235
B) 1) APML	76.873	578.340	5) Goa (Amona)	-0.352	-2.860
2) JSWEL	23.525	168.650	Total	139.747	1089.830
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.214	149.278
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.616	160.045
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.134	97.589
6) Other IPP	11.555	95.811	Include PX	-0.904	-11.702
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.214	149.278
C) 1) TPCL Thermal	14.220	109.463	Include PX	6.039	57.943
2) TPCL Hydro	5.847	33.603	Standby	0.000	0.000
3) TPCL Gas	4.380	34.412	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.135	79.140	1) MSEDCL	385.265	3056.138
D) STATE			2) Mumbai Discoms	54.197	416.662
1) Thermal	254.205	2032.972	TOTAL STATE	439.462	3472.800
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.683	102.592			
3) Gas (A3+B7+C3)	11.399	90.928			
4) Wind	8.041	97.047			
6) SOLAR	7.388	59.432			
TOTAL STATE	299.716	2382.971			

* 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	5214	5196	4979	4634
MSPGCL Hydro	1118	581	318	201
MSPGCL Gas	283	284	288	299
MSPGCL Total Generation	6615	6061	5585	5134
Central Sector Receipt	6215	6166	5821	5223
WIND	190	219	653	192
CPP / IPP Thermal	4845	4827	4708	4531
CPP / IPP Gas	0	0	0	0
SOLAR	967	1052	0	0
Exchange with Mumbai	-1012	-1002	-984	-456
MSEDCL DEMAND MET	17820	17323	15783	14624
Load Shedding	0	0	0	0
MSEDCL DEMAND	17820	17323	15783	14624
TPCL GENERATION	1324	1310	1157	696
AEML GENERATION	500	500	462	375
MUMBAI DEMAND	2836	2812	2603	1527
STATE DEMAND MET	20656	20135	18386	16151
STATE DEMAND	20656	20135	18386	16151
Frequency (Hz)	49.97	49.97	50.02	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.02 Hrs	49.71 Hz at 06.13 Hrs	49.97	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 08/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.88	30.90	200	150
Unit 7	0.00	0.00	0	0
Unit 8	9.32	80.27	450	330
Unit 9	9.68	53.33	500	321
Unit 10	9.47	77.66	480	310
Total	32.35	242.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	58.77	0	0
Unit 5	11.00	80.42	500	355
Total	11.00	139.19		
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	4.63	35.43	198	163
Unit 4	4.52	34.52	191	163
Unit 5	9.17	76.50	425	360
Unit 6	0.00	0.00	0	0
Unit 7	0.00	22.23	0	0
Unit 8	11.81	88.15	500	480
Unit 9	11.13	85.29	493	435
Total	41.27	342.11		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.84	44.74	253	8
Total	4.84	44.74		
Khaparkheda				
Unit 1	3.54	30.25	165	140
Unit 2	3.47	29.46	160	135
Unit 3	3.51	30.41	164	135
Unit 4	3.49	30.47	160	135
Unit 5	10.08	79.54	440	380
Total	24.08	200.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.36	33.24	208	154
Unit 5	0.00	0.00	0	0
Total	4.36	33.24		
Uran				
All Units	7.02	56.52	310	271
Total	7.02	56.52		
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	0.48	31	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	0.48		
Koyna				
Stage 1-2	3.14	20.20	355	40
Stage 4	3.12	6.42	986	0
Stage 3	1.45	6.11	240	0
Total	7.71	32.73		
Hydro				
KDPH	0.89	5.66	37	37
VTRNA	0.96	7.27	61	0
TILLARI	0.42	1.02	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	1.74	80	0
RNGR+BHTSA	0.27	2.44	12	11
BHANDARDRA	0.45	3.69	40	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	2.13	30	20
GHATGHAR	1.29	12.30	250	0
Total	5.12	36.26		
Wind				
Total	8.04	97.05	0	0
Total	8.04	97.05		
CPP				
APML(Mus)	76.87	578.34	0	0
JSWEL(Mus)	23.52	168.65	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.56	95.81	0	0
Total	111.95	842.80		
SOLAR				
Total	7.39	59.43	0	0
Total	7.39	59.43		
Tata				
Trombay 5	9.11	68.77	483	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	21.84	117	116
Trombay 7B	1.59	12.58	67	65
Trombay 8	5.11	40.69	227	201
TATA Hydro	5.85	33.60	434	0
Total	24.45	177.48		
AEML				
DTPS U-1&2	10.14	79.14	502	373
Total	10.14	79.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.90	1001.57	MSPGCL Total	137.75	1127.07
			MSPGCL Thml+Gas	124.92	1058.08	Koyna 1,2 & 4 Total	6.26	26.63
			MSPGCL Hydro	12.84	68.99	State Total	299.72	2382.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4807	240	306	5353	82	4535	0	0	5506	5771	-625	15116	0	15116	1779	16895	50.01
2	4736	181	297	5214	107	4645	0	0	5479	5420	-570	14816	0	14816	1647	16463	49.98
3	4661	151	306	5118	135	4586	0	0	5437	5601	-497	14943	0	14943	1567	16510	49.99
4	4634	201	299	5134	192	4531	0	0	5328	5223	-456	14624	0	14624	1527	16151	49.95
5	4756	126	310	5192	203	4645	0	0	5457	5341	-472	14909	0	14909	1529	16438	50.03
6	4869	402	297	5568	291	4656	0	0	5817	5739	-509	15745	0	15745	1666	17411	49.88
7	4945	1458	308	6711	233	4639	0	14	6080	5898	-458	17037	0	17037	1866	18903	49.93
8	5068	1786	298	7152	199	4646	0	139	6191	6195	-545	17786	0	17786	2051	19837	49.98
9	5152	1383	305	6840	164	4793	0	456	6053	6247	-710	17790	0	17790	2320	20110	49.96
10	5192	930	290	6412	184	4854	0	725	6083	5964	-865	17274	0	17274	2593	19867	49.97
11	5214	766	286	6266	185	4858	0	893	6229	6168	-987	17383	0	17383	2767	20150	49.96
12	5214	1118	283	6615	190	4845	0	967	6276	6215	-1012	17820	0	17820	2836	20656	49.97
13	5196	581	284	6061	219	4827	0	1052	6235	6166	-1002	17323	0	17323	2812	20135	49.97
14	5138	396	271	5805	298	4767	0	982	6112	5986	-963	16875	0	16875	2658	19533	50.01
15	5054	587	280	5921	410	4716	0	870	5907	5906	-1150	16673	0	16673	2670	19343	49.93
16	5121	282	281	5684	473	4739	0	697	5973	6058	-1097	16554	0	16554	2684	19238	49.97
17	4904	179	282	5365	620	4733	0	438	6099	5942	-1019	16079	0	16079	2667	18746	49.94
18	4718	214	284	5216	664	4746	0	147	5779	5807	-1110	15470	0	15470	2615	18085	50.03
19	4788	308	286	5382	612	4726	0	8	5451	5444	-1061	15111	0	15111	2579	17690	49.95
20	4979	318	288	5585	653	4708	0	0	5841	5821	-984	15783	0	15783	2603	18386	50.02
21	4757	405	288	5450	537	4464	0	0	5561	5708	-990	15169	0	15169	2447	17616	49.92
22	4778	293	303	5374	518	4392	0	0	5569	5742	-893	15133	0	15133	2269	17402	49.95
23	4638	348	292	5278	438	4449	0	0	5546	5686	-852	14999	0	14999	2097	17096	49.95
24	4578	183	295	5056	434	4453	0	0	5625	5699	-789	14853	0	14853	1949	16802	49.98
MUs	117.90	12.84	7.02	137.75	8.04	111.95	0.00	7.39	139.63	139.75	-19.62	385.26	0.00	385.26	54.20	439.46	49.97

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 08/Mar/2019

Position as on 6.30 Hrs of 09/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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 08/Mar/2019

Position as on 6.30 Hrs of 09/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	Paras Unit 4	250	08/03/2019	16.16	08/03/2019	17.52	coal mill tripped	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 09/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		Continued.	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.
Chandrapur-II - Nanded ckt I	IntraState	07/03/2019	08.41	08/03/2019	07.09	PO	Replacement Of Polymer Insulator. (07/Mar/2019 20.05)
Khadka-Aurangabad (Waluj)	IntraState	07/03/2019	17.24	08/03/2019	07.15	HT	Over Voltage
Padghe - Nagothane - I	IntraState	07/03/2019	23.22	08/03/2019	07.20	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	08/03/2019	10.20	08/03/2019	15.36	HT	Emergency hand tripped due to sparking
Parly(MS)- Nanded ckt II	IntraState	08/03/2019	10.55	08/03/2019	21.29	PO	String replacement work
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		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 600 MVA ICT-II @Kalwa	IntraState	08/03/2019	08.45	08/03/2019	20.16	PO	Testing Work
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	08/03/2019	12.18	08/03/2019	15.16	EO	Oil Top up in OLTC Tank
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		Continued.	PO	Re-Routing of Existing Boisar ckt 2
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.
Pusad-Ghatodi	IntraState	07/03/2019	07.14	08/03/2019	15.10	HT	Ckt Handtripped In View Of Outage On 220Kv Pusad-Wardha(PG).
Pusad - Hingoli	IntraState	07/03/2019	07.17	08/03/2019	15.07	PO	Ckt Handtripped In View Of Outage On 220Kv Pusad-Wardha(PG).
Pusad-WardhaPG(Deoli)	IntraState	07/03/2019	07.23	08/03/2019	14.55	PO	Isolator Replacement Under LE Scheme.
Nalasopara-Boisar	IntraState	08/03/2019	06.36		Continued.	PO	Re-Routing of Existing Boisar ckt 2
Boisar Versova Line	IntraState	08/03/2019	06.57		Continued.	HT	H/T for availing outage om Boisar-Boisar PG CKT-1.
Pedhambe - Oni	IntraState	08/03/2019	08.40	08/03/2019	15.40	PO	Tree Cutting
Ghatghar - Jindal	IntraState	08/03/2019	08.48	08/03/2019	18.32	PO	Earth wire Replacement work
Halkarni-Mahalaxmiline	IntraState	08/03/2019	09.05	08/03/2019	17.58	PO	Replacement of Flashover insulator

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 08/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Washala - Ghatghar	IntraState	08/03/2019	09.08	08/03/2019	18.46	PO	Earth wire Replacement work
Jambhul - Anandnagar	IntraState	08/03/2019	09.50	08/03/2019	12.40	PO	Conductor Replacement work
Kandalgaon - Pirangut	IntraState	08/03/2019	13.50	08/03/2019	14.17	T	Tripped at khandelgaon end only
Hamidwada-Mumewadi	IntraState	08/03/2019	18.37	08/03/2019	19.25	T	Distance Protection
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
220 KV ICT Outages/Trippings							
220/33kv 125 MVA T/F-II @ Goregaon	IntraState	08/03/2019	01.26	08/03/2019	03.42	PO	Commissioning of auto restoration scheme.
220/132 Kv 200 Mva Cgl Ict 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 Ict 2 @Raymond (Nasik 2)	IntraState	09/03/2019	12.15	09/03/2019	19.10	PO	Neutral Earthing Connection work
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.
Pusad-Jambazar	IntraState	07/03/2019	07.12	08/03/2019	15.09	PO	Ckt Handtripped In View Of Outage On 220Kv Pusad-Wardha(PG).

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