

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Mar/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.366	254.190	1) Gujrat	2.321	4.454
2) Hydro	5.503	11.831	2) Madhya Pradesh	15.930	32.317
3) Gas	7.032	14.195	3) Chattisgarh	5.340	10.850
Total MSPGCL	140.901	280.216	4) Maharashtra	110.262	221.210
B) 1) APML	70.614	140.109	5) Goa (Amona)	-0.308	-0.748
2) JSWEL	19.516	40.472	Total	133.545	268.083
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.018	37.555
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.859	42.370
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.339	19.200
6) Other IPP	12.314	23.938	Include PX	-4.152	-6.059
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.018	37.555
C) 1) TPCL Thermal	13.632	26.457	Include PX	7.729	15.657
2) TPCL Hydro	2.373	7.691	Standby	0.000	0.000
3) TPCL Gas	4.279	8.608	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.547	18.623	1) MSEDCL	379.439	748.311
D) STATE			2) Mumbai Discoms	51.690	103.750
1) Thermal	253.989	503.789	TOTAL STATE	431.129	852.061
(A1+C1+C4+(B1-B6))					
2) Hydro	7.876	19.522			
(A2+C2)					
3) Gas	11.311	22.803			
(A3+B7+C3)					
4) Wind	16.869	22.763			
6) SOLAR	7.539	15.100			
TOTAL STATE	297.584	583.977			

* 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	5796	5771	5406	4885
MSPGCL Hydro	412	312	248	84
MSPGCL Gas	285	284	289	293
MSPGCL Total Generation	6493	6367	5943	5262
Central Sector Receipt	6387	6174	5380	4723
WIND	516	627	1192	480
CPP / IPP Thermal	4600	4593	4626	3935
CPP / IPP Gas	0	0	0	0
SOLAR	1010	1048	0	0
Exchange with Mumbai	-1200	-1290	-1306	-456
MSEDCL DEMAND MET	17806	17519	15835	13944
Load Shedding	0	0	0	0
MSEDCL DEMAND	17806	17519	15835	13944
TPCL GENERATION	1074	939	837	661
AEML GENERATION	376	375	374	374
MUMBAI DEMAND	2650	2604	2517	1491
STATE DEMAND MET	20456	20123	18352	15435
STATE DEMAND	20456	20123	18352	15435
Frequency (Hz)	50.03	50.02	50.11	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 20:13 Hrs	49.79 Hz at 03:55 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 02/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	7.56	170	145
Unit 7	0.00	0.00	0	0
Unit 8	10.60	20.47	461	405
Unit 9	0.00	0.00	0	0
Unit 10	11.19	22.54	575	400
Total	25.61	50.57		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.71	18.60	505	350
Unit 5	9.61	18.64	500	350
Total	19.32	37.24		
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	4.37	8.73	197	165
Unit 4	4.21	8.47	190	160
Unit 5	9.56	19.13	425	365
Unit 6	0.00	0.00	0	0
Unit 7	8.87	17.91	392	331
Unit 8	10.28	21.00	490	360
Unit 9	10.44	20.56	485	360
Total	47.73	95.80		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.56	11.30	250	198
Total	5.56	11.30		
Khaparkheda				
Unit 1	3.96	7.86	180	150
Unit 2	3.82	7.52	170	150
Unit 3	4.00	7.92	181	160
Unit 4	4.00	7.92	180	160
Unit 5	10.26	19.94	480	380
Total	26.04	51.16		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.11	8.12	205	160
Unit 5	0.00	0.00	0	0
Total	4.11	8.12		
Uran				
All Units	7.03	14.20	309	284
Total	7.03	14.20		
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)	0.10	0.10	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.10		
Koyna				
Stage 1-2	1.58	3.92	210	40
Stage 4	0.04	0.04	45	0
Stage 3	0.45	0.94	160	0
Total	2.08	4.90		
Hydro				
KDPH	0.33	0.33	37	0
VTRNA	0.82	1.62	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	0.47	80	0
RNGR+BHTSA	0.30	0.60	13	12
BHANDARDRA	0.47	0.94	42	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	0.21	14	5
GHATGHAR	1.16	2.75	125	0
Total	3.43	6.93		
Wind				
Total	16.87	22.76	0	0
Total	16.87	22.76		
CPP				
APML(Mus)	70.61	140.11	0	0
JSWEL(Mus)	19.52	40.47	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)	12.31	23.94	0	0
Total	102.44	204.52		
SOLAR				
Total	7.54	15.10	0	0
Total	7.54	15.10		
Tata				
Trombay 5	8.39	15.99	481	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	5.45	117	87
Trombay 7B	1.57	3.16	67	58
Trombay 8	5.24	10.47	234	201
TATA Hydro	2.37	7.69	235	0
Total	20.28	42.76		
AEML				
DTPS U-1&2	9.55	18.62	504	373
Total	9.55	18.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.37	254.19	MSPGCL Total	140.90	280.22
			MSPGCL Thml+Gas	135.40	268.38	Koyna 1,2 & 4 Total	1.63	3.96
			MSPGCL Hydro	5.50	11.83	State Total	297.58	583.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4879	183	292	5354	240	3919	0	0	5095	5331	-636	14208	0	14208	1729	15937	49.95
2	4882	144	304	5330	261	3912	0	0	5102	5048	-539	14012	0	14012	1607	15619	50.01
3	4876	94	294	5264	344	3940	0	0	4839	4912	-464	13996	0	13996	1531	15527	50.01
4	4885	84	293	5262	480	3935	0	0	4769	4723	-456	13944	0	13944	1491	15435	49.94
5	4893	79	304	5276	437	3927	0	0	5244	5034	-465	14209	0	14209	1499	15708	49.91
6	5394	114	298	5806	421	4061	0	0	5482	5833	-561	15560	0	15560	1610	17170	49.92
7	5737	133	309	6179	400	4482	0	5	5873	5967	-589	16444	0	16444	1744	18188	49.96
8	5793	333	299	6425	465	4599	0	143	6031	6166	-550	17248	0	17248	1900	19148	50.04
9	5806	227	304	6337	449	4670	0	447	5991	5970	-692	17181	0	17181	2157	19338	50.01
10	5788	207	287	6282	489	4580	0	738	6042	5979	-985	17083	0	17083	2413	19496	49.91
11	5762	331	288	6381	444	4582	0	926	6247	6343	-1181	17495	0	17495	2592	20087	50.03
12	5796	412	285	6493	516	4600	0	1010	6309	6387	-1200	17806	0	17806	2650	20456	50.03
13	5771	312	284	6367	627	4593	0	1048	6163	6174	-1290	17519	0	17519	2604	20123	50.02
14	5585	255	285	6125	661	4561	0	1005	5892	5723	-1149	16926	0	16926	2486	19412	50.04
15	5462	220	285	5967	639	4350	0	889	5870	5931	-1149	16627	0	16627	2500	19127	49.99
16	5423	434	287	6144	590	4326	0	743	5907	6264	-1179	16888	0	16888	2505	19393	50.01
17	5482	337	289	6108	625	4490	0	423	5670	5396	-1165	15877	0	15877	2493	18370	50.04
18	5475	312	287	6074	673	4484	0	158	5283	5362	-1175	15576	0	15576	2452	18028	50.00
19	5509	291	290	6090	632	4496	0	4	5320	5447	-1174	15495	0	15495	2471	17966	50.01
20	5406	248	289	5943	1192	4626	0	0	5618	5380	-1306	15835	0	15835	2517	18352	50.11
21	4990	202	290	5482	1841	4228	0	0	5189	4989	-1134	15406	0	15406	2403	17809	50.06
22	4943	197	303	5443	1608	3770	0	0	4942	4963	-1067	14717	0	14717	2257	16974	50.02
23	4924	179	293	5396	1429	3692	0	0	5003	5195	-929	14783	0	14783	2112	16895	50.00
24	4905	175	293	5373	1406	3621	0	0	4879	5028	-824	14604	0	14604	1967	16571	50.00
MUs	128.37	5.50	7.03	140.90	16.87	102.44	0.00	7.54	132.76	133.54	-21.86	379.44	0.00	379.44	51.69	431.13	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 02/Mar/2019

Position as on 6.30 Hrs of 03/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	
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 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)	
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		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	
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	Koyna STG-IV Unit-3	250	26/02/2019	10.00	02/03/2019	11.35	Replacement of New NGR	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Mar/2019

Position as on 6.30 Hrs of 03/Mar/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Unit.	
MSPGCL	Koradi Unit 9	660	28/02/2019	20.11		Continued.	BTL Super heater zone at penthouse	
MSPGCL	Chandrapur Unit 7	500	03/03/2019	12.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 03/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	27/02/2019	17.30		Continued.	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	02/03/2019	09.34	02/03/2019	18.12	PO	Work by Power Grid
Kalwa - Talegaon(PG)	IntraState	16/02/2019	08.59		Continued.	PO	Construction Work for height raising.
Kalwa - Kharghar	IntraState	16/02/2019	09.46		Continued.	PO	Construction Work for height raising.
Karad-Jaigad - I	IntraState	28/02/2019	22.06		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	28/02/2019	23.22		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/03/2019	21.11	02/03/2019	09.29	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	02/03/2019	10.22	02/03/2019	16.07	PO	Bus Bar Scheme commissioning work
New Koyna - Dabhol - li	IntraState	02/03/2019	16.36	03/03/2019	08.55	PO	Bus Bar Scheme commissioning work (RFC 19.45Hrs)
Bhusawal-Aurangabad	IntraState	02/03/2019	17.44		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	03/03/2019	05.43	03/03/2019	06.48	T	Distance Protection Zone 1 R Phase
New Koyna - Koyna Stage IV-II	IntraState	03/03/2019	09.22	03/03/2019	18.30	PO	Bus Bar Commissioning work
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	02/03/2019	08.38	02/03/2019	19.34	PO	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.
Boiser(M)-Boiser(PG) -III	InterState	03/03/2019	09.25	03/03/2019	21.10	PO	Replacement of Damaged conductor
Boisar(MS) - Boisar (PG) II	InterState	03/03/2019	11.03	03/03/2019	18.03	PO	Attending Oil Leakage
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.
Apta - Bombay Dyeing	IntraState	28/02/2019	10.30	02/03/2019	23:30	PO	CB Replacement work
Ghatghar - Jindal	IntraState	02/03/2019	08.51	02/03/2019	17.53	PO	Earth Wire Replacement
Washala - Ghatghar	IntraState	02/03/2019	09.00	02/03/2019	18.22	PO	Earth Wire Replacement
Hinjawadi I- Chinchwad	IntraState	02/03/2019	09.57	02/03/2019	15.12	PO	Line Maintenance work
Kalwa - Siemens	IntraState	02/03/2019	11.05		Continued.	PO	CT Replacement work
Kamba - Kolshet	IntraState	02/03/2019	11.21	02/03/2019	16.07	PO	Flash Over Disc Replacement work
Kanhan-Suryalakshmi	IntraState	02/03/2019	11.31	02/03/2019	14.30	PO	Line Maintenance work
Vasai Kamba	IntraState	02/03/2019	11.38	02/03/2019	16.26	HT	Safety purpose for Kamba-Kolshet outage
Trombay MSETCL Tie 2	IntraState	02/03/2019	23.30	03/03/2019	05.30	PO	String Replacement
Talegaon (Ambi)-General Motors	IntraState	03/03/2019	09.25	03/03/2019	17.13	PO	CU palm Replacement
Nalasopara-Boisar	IntraState	03/03/2019	09.30	03/03/2019	21.13	PO	Replacement of Damaged conductor
Chinchwad-Hinjewadi I	IntraState	03/03/2019	10.06	03/03/2019	18.10	HT	HT For availing outage on bhosari

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 02/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 03/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							- bhosari ckt2
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	02/03/2019	14.25	02/03/2019	19.31	PO	Alignment of Aux.Isolator
Backbay : 220 / 110 / 33 250 MVA AT 1	IntraState	03/03/2019	10.58		Continued.	PO	Testing Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	01/03/2019	13.37		Continued.	HT	CB HT In view Of Outage On 132kv Kanhan-Mansar Line.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.