

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Mar/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.676	1264.786	1) Gujrat	-2.740	5.874
2) Hydro	22.741	135.063	2) Madhya Pradesh	18.871	186.048
3) Gas	3.444	51.831	3) Chattisgarh	6.930	56.380
Total MSPGCL	163.861	1451.680	4) Maharashtra Net	114.449	1033.754
B) 1) APML	45.526	386.972	5) Goa (Amona)	-0.638	-4.950
2) JSWEL	19.662	162.511	Total	136.872	1277.106
3) VIPL	7.632	62.662	a) Mumbai Schedule	22.633	191.856
4) RPL(AMT)	19.353	171.716	b) Mumbai Drawl	21.553	206.016
5) WPCL	4.183	33.575	c) MSEDCL Bilateral *	37.656	329.028
6) PGPL	0.000	0.000	Include PX	9.059	88.145
7) Other IPP	11.179	98.366	d) Mumbai Bilateral *	22.633	191.856
C) 1) TPCL Thermal	17.529	142.156	Include PX	7.605	66.265
2) TPCL Hydro	5.600	38.008	Include Standby	0.000	0.000
3) TPCL Gas	2.247	31.118	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.003	101.285	1) MSEDCL	394.326	3512.675
D) STATE			2) Mumbai Discoms	58.932	518.580
1) Thermal	274.743	2424.029	TOTAL STATE	453.258	4031.255
(A1+C1+C4+(B1-B6))					
2) Hydro	28.341	173.071			
(A2+C2)					
3) Gas	5.691	82.949			
(A3+B6+C3)					
4) Wind	4.442	43.638			
6) SOLAR	3.169	30.465			
TOTAL STATE	316.386	2754.152			

* 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	5966	5982	5494	5781
MSPGCL Hydro	1377	1467	690	172
MSPGCL Gas	141	141	144	141
MSPGCL Total Generation	7484	7590	6328	6094
Central Sector Receipt	6855	6671	5405	4894
WIND	116	122	119	236
CPP / IPP Thermal	4555	4506	4467	4396
CPP / IPP Gas	0	0	0	0
SOLAR	467	478	0	0
Exchange with Mumbai	-1251	-1309	-990	-405
MSEDCL DEMAND MET	18226	18058	15329	15215
Load Shedding	0	0	0	0
MSEDCL DEMAND	18226	18058	15329	15215
TPCL GENERATION	1261	1178	1282	833
R-INFRA GENERATION	497	500	502	499
MUMBAI DEMAND	3009	2987	2774	1737
STATE DEMAND MET	21235	21045	18103	16952
STATE DEMAND	21235	21045	18103	16952
Frequency (Hz)	49.85	49.94	49.92	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 18.00 Hrs	49.7 Hz at 18.42 Hrs	49.92	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	68.92	0	0
Unit 9	12.37	76.46	559	461
Unit 10	14.73	123.95	660	533
Total	27.10	269.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.69	102.22	495	475
Unit 5	11.84	103.40	500	480
Total	23.53	205.62		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.93	51.57	250	222
Unit 7	5.73	50.26	254	191
Unit 8	5.67	49.43	247	219
Total	17.33	151.26		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.84	96.61	463	0
Unit 6	0.00	0.00	0	0
Unit 7	10.55	39.86	450	427
Unit 8	0.00	69.72	0	0
Unit 9	11.54	101.20	495	464
Total	29.94	307.39		
Paras				
Unit 3	5.99	53.61	254	240
Unit 4	5.76	53.55	255	188
Total	11.74	107.16		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.45	22.41	210	170
Unit 4	4.37	27.40	205	155
Unit 5	10.47	102.47	500	395
Total	19.29	152.27		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.18	37.11	180	169
Unit 5	4.58	30.82	196	185
Total	8.75	71.76		
Uran				
All Units	3.44	51.83	159	131
Total	3.44	51.83		
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	0.34	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.34		
Koyna				
Stage 1-2	4.67	35.72	485	40
Stage 4	10.99	48.27	1000	0
Stage 3	3.24	17.69	240	0
Total	18.90	101.68		
Hydro				
KDPH	0.86	6.92	36	36
VTRNA	1.04	10.44	61	0
TILLARI	0.25	0.35	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	2.04	80	0
RNGR+BHTSA	0.34	2.74	15	14
BHANDARDRA	0.45	2.54	29	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.60	6.05	25	25
GHATGHAR	0.00	2.30	0	0
Total	3.84	33.39		
Wind				
Total	4.44	43.64	0	0
Total	4.44	43.64		
CPP				
APML(Mus)	45.53	386.97	0	0
JSWEL(Mus)	19.66	162.51	0	0
VIPL(Mus)	7.63	62.66	0	0
RPLAMT(Mus)	19.35	171.72	0	0
WPCL(Mus)	4.18	33.58	0	0
Other(Mus)	11.18	98.37	0	0
Total	107.54	915.80		
SOLAR				
Total	3.17	30.46	0	0
Total	3.17	30.46		
Tata				
Trombay 5	11.62	92.43	490	471
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.23	18.83	65	46
Trombay 7B	1.02	12.29	50	39
Trombay 8	5.90	49.72	249	244
TATA Hydro	5.60	38.01	459	49
Total	25.38	211.28		
R-INFRA				
DTPS U-1&2	12.00	101.28	502	497
Total	12.00	101.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.68	1264.79	MSPGCL Total	163.86	1451.68
			MSPGCL Thml+Gas	141.12	1316.62	Koyna 1,2 & 4 Total	15.66	83.98
			MSPGCL Hydro	22.74	135.06	State Total	316.39	2754.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Mar/2018

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	5896	520	142	6558	255	4419	0	0	5150	5300	-692	15840	0	15840	2109	17949	49.93
2	5882	484	131	6497	195	4417	0	0	5029	4965	-523	15551	0	15551	1939	17490	49.99
3	5828	232	140	6200	264	4420	0	0	4954	4793	-432	15245	0	15245	1826	17071	49.95
4	5781	172	141	6094	236	4396	0	0	4916	4894	-405	15215	0	15215	1737	16952	49.92
5	5759	419	140	6318	213	4375	0	0	4900	5064	-388	15582	0	15582	1723	17305	49.92
6	5704	983	131	6818	307	4375	0	0	4923	5348	-440	16408	0	16408	1840	18248	49.96
7	5758	1688	144	7590	307	4540	0	4	5606	5650	-560	17531	0	17531	1970	19501	49.90
8	5771	1749	149	7669	256	4527	0	51	5529	5613	-623	17493	0	17493	2126	19619	49.92
9	5808	1679	159	7646	223	4533	0	148	5290	5334	-899	16985	0	16985	2399	19384	49.94
10	5836	1509	145	7490	185	4546	0	287	5438	5535	-1030	17013	0	17013	2695	19708	49.87
11	5900	1448	142	7490	146	4514	0	382	5785	5737	-1184	17085	0	17085	2923	20008	49.85
12	5966	1377	141	7484	116	4555	0	467	6565	6855	-1251	18226	0	18226	3009	21235	49.85
13	5982	1467	141	7590	122	4506	0	478	6680	6671	-1309	18058	0	18058	2987	21045	49.94
14	5928	1589	140	7657	95	4399	0	463	6326	6670	-1243	18041	0	18041	2865	20906	49.96
15	5891	1450	141	7482	144	4442	0	388	6716	6528	-1260	17724	0	17724	2908	20632	49.90
16	5869	1315	141	7325	138	4539	0	285	6842	6713	-1232	17768	0	17768	2901	20669	49.87
17	5897	1340	142	7379	148	4557	0	167	6530	6403	-1226	17428	0	17428	2885	20313	49.91
18	5557	948	153	6658	161	4400	0	49	5750	5835	-1192	15911	0	15911	2816	18727	49.94
19	5461	462	143	6066	153	4367	0	0	5630	5558	-1069	15075	0	15075	2749	17824	49.90
20	5494	690	144	6328	119	4467	0	0	5564	5405	-990	15329	0	15329	2774	18103	49.92
21	5462	366	145	5973	122	4508	0	0	5406	5465	-880	15188	0	15188	2582	17770	49.95
22	5465	221	146	5832	140	4569	0	0	5329	5423	-858	15106	0	15106	2512	17618	49.96
23	5403	319	156	5878	195	4574	0	0	5492	5653	-979	15321	0	15321	2393	17714	49.95
24	5378	314	147	5839	202	4586	0	0	5548	5460	-888	15199	0	15199	2264	17463	49.93
MUs	137.68	22.74	3.44	163.86	4.44	107.53	0.00	3.17	135.90	136.87	-21.55	394.33	0.00	394.33	58.93	453.26	49.92

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/2018

Position as on 6.30 Hrs of 10/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	VIPL U-1	300	30/01/2018	22.55	09/03/2018	22.26	Coal Shortage	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Mar/2018

Position as on 6.30 Hrs of 10/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage(Converted to coal shortage w.e.f 23.02.2018	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	suspected btl.	
MSPGCL	Koradi Unit-8	660	06/03/2018	16.07		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	06/03/2018	23.05		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	08/03/2018	13.11		Continued.	Natural Gas Valve Tripped.	
MSPGCL	Chandrapur Unit 5	500	09/03/2018	17.14	10/03/2018	00.46	Flame loss.	
IPP	RPL(AMT) U-1	270	10/03/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Paras Unit 3	250	10/03/2018	01.20	10/03/2018	06.15	Outage on GT	
MSPGCL	Paras Unit 3	250	10/03/2018	06.25		Continued.	Generator Elect. Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 10/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	09/03/2018	12.50		Continued.	T	high value supervision
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	06/03/2018	17.30	09/03/2018	11.57	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	09/03/2018	18.54		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/03/2018	20.20	09/03/2018	09.08	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	09/03/2018	08.24	09/03/2018	17.03	PO	Line Maintenance work
Main Bus-I @ Koradi-II	IntraState	09/03/2018	09.37	09/03/2018	16.50	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	09/03/2018	17.56		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	09/03/2018	09.56	09/03/2018	12.47	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.
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Padgha - Temghar I	IntraState	09/03/2018	06.39	09/03/2018	09.58	PO	Testing Work
Ambazari-Kalmeshwar	IntraState	09/03/2018	07.37	09/03/2018	18.57	PO	restring of bottom phase conductor.
Aurangabad - Chitegaon	IntraState	09/03/2018	09.21	09/03/2018	16.35	PO	Line Maintenance work
Waluj - Chitegaon li	IntraState	09/03/2018	09.21	09/03/2018	17.02	PO	Line Maintenance work
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	09/03/2018	10.04	09/03/2018	14.06	PO	testing of distance relay.
Nagothane - Ipcl	IntraState	09/03/2018	11.20	09/03/2018	18.33	PO	Testing Work
Balapur-Akola li	IntraState	09/03/2018	11.53	09/03/2018	14.00	PO	Testing Work
Eklahare (Gcr) - Ghatghar	IntraState	09/03/2018	12.10	09/03/2018	17.23	PO	Testing Work
Colourchem - Temghar	IntraState	09/03/2018	12.53	09/03/2018	15.19	EO	Attending Hot Spot
Dahanu-Viraj	IntraState	09/03/2018	15.37	09/03/2018	20.10	PO	Relay Replacement work
Nagothane-Wadkhal II	IntraState	09/03/2018	16.36	09/03/2018	17.24	T	Distance Protection
Nagothane-Wadkhal-I	IntraState	09/03/2018	17.05		Continued.	T	Distance Protection
Boisar-Viraj	IntraState	09/03/2018	20.30	09/03/2018	22.52	PO	Relay Replacement work.
Apta - Taloja	IntraState	10/03/2018	04.51	10/03/2018	05.32	T	Distance Protection
Apta - Kalwa	IntraState	10/03/2018	04.51		Continued.	T	Distance Protection
Uran - Apta III	IntraState	10/03/2018	04.51	10/03/2018	05.30	T	Distance Protection
Uran - Apta III	IntraState	10/03/2018	04.52		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)

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/2018

Statement-VII

Position as on 6.30 Hrs of 10/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/132kv 150MVA ICT-II @ Satana	IntraState	09/03/2018	09.10	09/03/2018	14.35	PO	Routine Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	09/03/2018	10.20	09/03/2018	15.40	PO	breaker overhauling.
132 KV LINE Outages/Trippings							
Solapur II(Bale)-Naldurg	IntraState	08/03/2018	11.40	09/03/2018	07.50	T	Distance Protection