

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Mar/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	169.976	1081.930	1) Gujrat	4.585	40.550
2) Hydro	5.691	48.891	2) Madhya Pradesh	14.938	101.976
3) Gas	7.027	61.444	3) Chattisgarh	4.900	34.650
Total MSPGCL	182.694	1192.265	4) Maharashtra	124.655	882.016
B) 1) APML	70.793	488.397	5) Goa (Amona)	-0.330	-2.882
2) JSWEL	17.038	102.479	Total	148.748	1056.310
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.882	149.823
4) RPL(AMT)	5.397	54.842	b) Mumbai Drawl	23.950	178.152
5) WPCL	2.693	18.513	c) MSEDCL Bilateral *	33.745	230.439
6) Other IPP	14.410	102.122	Include PX	3.781	19.860
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.882	149.823
C) 1) TPCL Thermal	12.882	86.688	Include PX	6.144	55.124
2) TPCL Hydro	4.100	28.340	Standby	0.000	0.000
3) TPCL Gas	2.199	25.900	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.753	66.796	1) MSEDCL	433.302	2992.294
D) STATE			2) Mumbai Discoms	52.884	385.876
1) Thermal	302.942	2001.767	TOTAL STATE	486.186	3378.170
(A1+C1+C4+(B1-B6))					
2) Hydro	9.791	77.231			
(A2+C2)					
3) Gas	9.226	87.344			
(A3+B7+C3)					
4) Wind	7.643	101.642			
6) SOLAR	7.836	53.876			
TOTAL STATE	337.438	2321.860			

* 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 3 Hrs
MSPGCL Thermal	7556	7540	7159	6213
MSPGCL Hydro	352	352	192	90
MSPGCL Gas	280	296	292	296
MSPGCL Total Generation	8188	8188	7643	6599
Central Sector Receipt	7457	7142	5768	5227
WIND	144	134	134	759
CPP / IPP Thermal	4848	4855	4839	4151
CPP / IPP Gas	0	0	0	0
SOLAR	1044	1081	0	0
Exchange with Mumbai	-1108	-1112	-1166	-755
MSEDCL DEMAND MET	20573	20288	17218	15981
Load Shedding	0	0	0	0
MSEDCL DEMAND	20573	20288	17218	15981
TPCL GENERATION	1104	1050	919	580
AEML GENERATION	502	493	374	373
MUMBAI DEMAND	2714	2655	2459	1708
STATE DEMAND MET	23287	22943	19677	17689
STATE DEMAND	23287	22943	19677	17689
Frequency (Hz)	49.99	49.96	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.03 Hz at 06.01 Hrs	49.73 Hz at 18.49 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 07/Mar/2020

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	9.10	75.13	420	324
Unit 9	13.35	83.38	620	465
Unit 10	11.68	77.77	505	460
Total	34.13	236.27		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.16	67.16	500	360
Unit 5	9.96	65.95	500	360
Total	20.12	133.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.09	35.01	245	190
Unit 7	5.10	34.75	248	187
Unit 8	5.43	37.16	250	198
Total	15.62	106.91		
Chandrapur				
Unit 3	4.22	29.62	190	156
Unit 4	4.02	28.20	175	160
Unit 5	7.94	8.75	390	243
Unit 6	10.03	69.69	475	356
Unit 7	9.52	40.43	460	356
Unit 8	10.73	72.06	480	360
Unit 9	10.56	70.68	470	360
Total	57.02	319.44		
Paras				
Unit 3	5.53	38.22	250	190
Unit 4	5.83	40.13	257	195
Total	11.36	78.35		
Khaparkheda				
Unit 1	4.00	27.91	185	155
Unit 2	4.22	29.25	190	160
Unit 3	4.38	30.25	200	158
Unit 4	4.38	20.20	195	160
Unit 5	10.68	72.19	485	370
Total	27.68	179.79		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.04	28.05	199	144
Unit 5	0.00	0.00	0	0
Total	4.04	28.05		
Uran				
All Units	7.03	61.44	309	275
Total	7.03	61.44		
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)	0.02	0.50	16	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.50		
Koyna				
Stage 1-2	1.81	16.01	190	40
Stage 4	0.95	11.49	508	0
Stage 3	0.53	5.75	80	0
Total	3.29	33.26		
Hydro				
KDPH	0.43	4.35	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.42	2.94	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	1.15	80	0
RNGR+BHTSA	0.31	2.22	13	13
BHANDARDRA	0.28	0.28	26	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	3.20	20	19
GHATGHAR	0.26	1.49	125	0
Total	2.40	15.64		
Wind				
Total	7.64	101.64	0	0
Total	7.64	101.64		
CPP				
APML(Mus)	70.79	488.40	0	0
JSWEL(Mus)	17.04	102.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.40	54.84	0	0
WPCL(Mus)	2.69	18.51	0	0
Other(Mus)	14.41	102.12	0	0
Total	110.33	766.35		
SOLAR				
Total	7.84	53.88	0	0
Total	7.84	53.88		
Tata				
Trombay 5	8.67	55.32	481	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.22	15.95	61	49
Trombay 7B	0.98	9.95	48	40
Trombay 8	4.21	31.37	242	0
TATA Hydro	4.10	28.34	338	0
Total	19.18	140.93		
AEML				
DTPS U-1&2	9.75	66.80	502	373
Total	9.75	66.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	169.98	1081.93	MSPGCL Total	182.69	1192.26
			MSPGCL Thml+Gas	177.00	1143.37	Koyna 1,2 & 4 Total	2.31	27.05
			MSPGCL Hydro	5.69	48.89	State Total	337.44	2321.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Mar/2020

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	6217	185	295	6697	813	4145	0	0	5602	5560	-995	16220	0	16220	1948	18168	49.96
2	6200	95	305	6600	782	4157	0	0	5549	5223	-844	15918	0	15918	1799	17717	49.94
3	6213	90	296	6599	759	4151	0	0	5424	5227	-755	15981	0	15981	1708	17689	49.99
4	6256	96	296	6648	697	4151	0	0	5345	5424	-688	16232	0	16232	1642	17874	50.01
5	6435	96	297	6828	680	4163	0	0	5525	5618	-689	16600	0	16600	1643	18243	50.01
6	7230	91	298	7619	585	4488	0	0	5873	5905	-777	17820	0	17820	1740	19560	50.01
7	7497	491	309	8297	400	4782	0	3	6490	6237	-588	19131	0	19131	1859	20990	49.99
8	7523	803	299	8625	239	4768	0	160	6885	6552	-655	19689	0	19689	1989	21678	49.96
9	7551	538	286	8375	163	4717	0	473	6688	6535	-831	19432	0	19432	2212	21644	49.98
10	7582	320	302	8204	166	4651	0	740	6862	7101	-1059	19803	0	19803	2476	22279	49.99
11	7497	209	290	7996	105	4817	0	960	6847	7093	-1148	19823	0	19823	2668	22491	50.03
12	7556	352	280	8188	144	4848	0	1044	7312	7457	-1108	20573	0	20573	2714	23287	49.99
13	7540	352	296	8188	134	4855	0	1081	7353	7142	-1112	20288	0	20288	2655	22943	49.96
14	7478	195	275	7948	201	4725	0	1034	7268	7077	-1218	19767	0	19767	2484	22251	50.01
15	7385	194	285	7864	267	4771	0	962	7207	7145	-1221	19788	0	19788	2485	22273	49.98
16	7318	255	286	7859	288	4789	0	726	7188	7253	-1195	19720	0	19720	2483	22203	50.00
17	7543	195	286	8024	275	4832	0	459	6729	6611	-1178	19023	0	19023	2470	21493	49.98
18	7397	149	289	7835	189	4834	0	185	6257	6066	-1192	17917	0	17917	2431	20348	50.00
19	6977	187	289	7453	143	4772	0	9	5819	5750	-1143	16984	0	16984	2408	19392	49.92
20	7159	192	292	7643	134	4839	0	0	5971	5768	-1166	17218	0	17218	2459	19677	49.99
21	6897	117	283	7297	87	4690	0	0	5798	5524	-1222	16376	0	16376	2360	18736	49.99
22	6845	122	304	7271	140	4439	0	0	5638	5426	-1121	16155	0	16155	2214	18369	50.03
23	6853	111	294	7258	113	4435	0	0	5594	5572	-1039	16339	0	16339	2078	18417	49.94
24	6827	256	295	7378	139	4512	0	0	5580	5482	-1006	16505	0	16505	1959	18464	49.93
MUs	169.98	5.69	7.03	182.69	7.64	110.33	0.00	7.84	150.80	148.75	-23.95	433.30	0.00	433.30	52.88	486.19	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 07/Mar/2020

Position as on 6.30 Hrs of 08/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule	
MSPGCL	Uran Unit 5	108	06/03/2020	12.18		Continued.	Gas shortage	
TPC_G	Trombay 8	250	07/03/2020	20.08	07/03/2020	23.34	Relay Mal function	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 08/Mar/2020

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 New koyna I	InterState	06/03/2020	09.31	07/03/2020	11.53	PO	Work at Dabhol end
Dhule Sar'Sarovar I	InterState	06/03/2020	18.08	07/03/2020	07.47	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/03/2020	17.57	08/03/2020	08.38	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/03/2020	18.20		Continued.	HT	Over Voltage
Chandrapur Bhadravati II	InterState	08/03/2020	18.37		Continued.	T	With out any Indication. After Sometime main I Unhealthy Indication appears.
Karad - Lonikand 1	IntraState	06/03/2020	08.06	07/03/2020	08.38	PO	Annual Maintenance Work(RFC 20.10Hrs)
Khadka-Aurangabad (Waluj)	IntraState	06/03/2020	20.17	07/03/2020	07.18	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	07/03/2020	11.59		Continued.	EO	Replacement of Faulty Disc Insulators
Khadka-Aurangabad (Waluj)	IntraState	07/03/2020	18.30		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	08/03/2020	09.07	08/03/2020	18.03	PO	R ph WTI replacement & bay maintenance work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Talegaon(PG)-Talegaon(Ambi)-II	InterState	08/03/2020	11.34	08/03/2020	18.34	PO	Half yearly maintenance, Diagnostic Testing.
Mahalakshmi Amona	InterState	08/03/2020	16.03	08/03/2020	16.27	T	Distance Protection
Tillari Amona	InterState	08/03/2020	16.03		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	BMC nalla work.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati SS.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Trombay - Kalwa	IntraState	07/03/2020	06.19		Continued.	PO	Tower Erection and stringing work
Pirangut - Hinjawadi 2	IntraState	07/03/2020	09.02	07/03/2020	12.19	PO	Half yearly maintenance work
Mumewadi-Belewadi	IntraState	07/03/2020	09.05	07/03/2020	17.16	EO	Replacement of Old Disc Insulator
Khadka-Chalisgaon-2	IntraState	07/03/2020	11.35	07/03/2020	15.33	EO	To attend Hot Spot
Parli 2-(Girwali) -Murud	IntraState	07/03/2020	12.34	07/03/2020	17.56	PO	Replacement of Cross Arm
Chinchwad-Hinjewadi I	IntraState	07/03/2020	13.37	07/03/2020	15.35	PO	Half yearly maintenance work
Valve-Jamde	IntraState	07/03/2020	14.18	07/03/2020	16.18	PO	R Phase CT Cold Welding work
Bhira Dharavi 7	IntraState	08/03/2020	09.30	08/03/2020	19.40	PO	NMIA Work.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	08/03/2020	11.45	08/03/2020	15.30	PO	Relay Testing testing work.
220kv Halkarni- Tillary	IntraState	08/03/2020	16.03	08/03/2020	23.45	T	Distance Protection
PAL DOMBIVALI - PALAVA	IntraState	08/03/2020	16.34		Continued.	T	Distance Protection
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 07/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 08/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33 Kv 100 Mva Alstom Ptr 2 @Jamde	IntraState	07/03/2020	16.20	07/03/2020	17.59	PO	Cold Welding work
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	07/03/2020	18.11	08/03/2020	13.15	PO	Oil Filtration work
220/22kv 100MVA T/F-I @ Nalasopara	IntraState	08/03/2020	11.50	08/03/2020	13.40	PO	For OSR Gate Valve Oil Leakage Attending Work And CT Tan Delta Measurement.
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	08/03/2020	16.02		Continued.	PO	Oil filtration work.