

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Mar/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.832	911.954	1) Gujrat	5.699	35.965
2) Hydro	7.988	43.200	2) Madhya Pradesh	16.162	87.038
3) Gas	7.411	54.417	3) Chattisgarh	5.690	29.750
Total MSPGCL	170.231	1009.571	4) Maharashtra	122.377	757.361
B) 1) APML	69.506	417.604	5) Goa (Amona)	-0.396	-2.552
2) JSWEL	13.949	85.441	Total	149.532	907.562
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.188	129.941
4) RPL(AMT)	5.289	49.445	b) Mumbai Drawl	25.847	154.202
5) WPCL	2.666	15.820	c) MSEDCL Bilateral *	33.426	196.694
6) Other IPP	14.121	87.712	Include PX	3.184	16.080
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.188	129.941
C) 1) TPCL Thermal	13.245	73.806	Include PX	12.458	48.979
2) TPCL Hydro	4.701	24.240	Standby	0.000	0.000
3) TPCL Gas	2.910	23.701	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.807	57.043	1) MSEDCL	429.610	2558.992
D) STATE			2) Mumbai Discoms	56.510	332.992
1) Thermal	283.415	1698.825	TOTAL STATE	486.120	2891.984
(A1+C1+C4+(B1-B6))					
2) Hydro	12.689	67.440			
(A2+C2)					
3) Gas	10.321	78.118			
(A3+B7+C3)					
4) Wind	22.482	93.999			
6) SOLAR	7.681	46.040			
TOTAL STATE	336.588	1984.422			

* 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	6961	6982	6366	5789
MSPGCL Hydro	491	230	133	93
MSPGCL Gas	326	274	290	329
MSPGCL Total Generation	7778	7486	6789	6211
Central Sector Receipt	7597	7440	6039	5378
WIND	606	798	1100	1173
CPP / IPP Thermal	4744	4699	4139	4113
CPP / IPP Gas	0	0	0	0
SOLAR	1059	1005	0	0
Exchange with Mumbai	-1236	-1307	-1206	-652
MSEDCL DEMAND MET	20548	20121	16861	16223
Load Shedding	0	0	0	0
MSEDCL DEMAND	20548	20121	16861	16223
TPCL GENERATION	1211	1088	1039	630
AEML GENERATION	498	497	373	373
MUMBAI DEMAND	2945	2892	2618	1655
STATE DEMAND MET	23493	23013	19479	17878
STATE DEMAND	23493	23013	19479	17878
Frequency (Hz)	49.97	49.95	49.95	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06:03 Hrs	49.75 Hz at 15:22 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 06/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	10.41	66.03	521	350
Unit 9	12.12	70.03	560	420
Unit 10	10.43	66.09	480	397
Total	32.96	202.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.28	57.00	450	360
Unit 5	9.15	55.99	435	355
Total	18.42	112.99		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.08	29.92	244	190
Unit 7	5.23	29.65	248	194
Unit 8	5.27	31.72	250	201
Total	15.58	91.29		
Chandrapur				
Unit 3	4.15	25.40	190	163
Unit 4	3.94	24.18	172	160
Unit 5	0.81	0.81	222	0
Unit 6	9.72	59.66	480	360
Unit 7	9.69	30.91	480	361
Unit 8	9.99	61.33	460	360
Unit 9	10.04	60.12	465	360
Total	48.33	262.42		
Paras				
Unit 3	5.60	32.69	252	190
Unit 4	5.70	34.30	258	192
Total	11.30	66.99		
Khaparkheda				
Unit 1	3.96	23.90	180	140
Unit 2	3.92	25.02	175	145
Unit 3	4.21	25.86	200	158
Unit 4	2.00	15.82	180	0
Unit 5	10.12	61.50	480	350
Total	24.20	152.12		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.03	24.01	190	156
Unit 5	0.00	0.00	0	0
Total	4.03	24.01		
Uran				
All Units	7.41	54.42	339	269
Total	7.41	54.42		
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)	0.05	0.48	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.48		
Koyna				
Stage 1-2	2.34	14.20	390	40
Stage 4	2.25	10.54	750	0
Stage 3	1.07	5.23	240	0
Total	5.65	29.96		
Hydro				
KDPH	0.43	3.92	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.42	2.52	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	0.94	80	0
RNGR+BHTSA	0.35	1.91	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	2.72	21	20
GHATGHAR	0.43	1.22	125	0
Total	2.33	13.24		
Wind				
Total	22.48	94.00	0	0
Total	22.48	94.00		
CPP				
APML(Mus)	69.51	417.60	0	0
JSWEL(Mus)	13.95	85.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.29	49.44	0	0
WPCL(Mus)	2.67	15.82	0	0
Other(Mus)	14.12	87.71	0	0
Total	105.53	656.02		
SOLAR				
Total	7.68	46.04	0	0
Total	7.68	46.04		
Tata				
Trombay 5	8.62	46.65	483	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.71	14.74	113	50
Trombay 7B	1.20	8.96	66	40
Trombay 8	4.63	27.16	243	173
TATA Hydro	4.70	24.24	459	2
Total	20.86	121.75		
AEML				
DTPS U-1&2	9.81	57.04	502	372
Total	9.81	57.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.83	911.95	MSPGCL Total	170.23	1009.57
			MSPGCL Thml+Gas	162.24	966.37	Koyna 1,2 & 4 Total	4.58	24.74
			MSPGCL Hydro	7.99	43.20	State Total	336.59	1984.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	6176	98	329	6603	1121	4166	0	0	5678	5719	-919	16690	0	16690	1942	18632	49.99
2	6132	98	328	6558	1192	4171	0	0	5572	5284	-799	16406	0	16406	1803	18209	50.05
3	5834	98	339	6271	1172	4141	0	0	5517	5370	-711	16243	0	16243	1714	17957	50.03
4	5789	93	329	6211	1173	4113	0	0	5479	5378	-652	16223	0	16223	1655	17878	50.04
5	6132	103	330	6565	1034	4244	0	0	5493	5620	-658	16805	0	16805	1660	18465	50.03
6	6643	300	329	7272	825	4696	0	0	5661	5701	-687	17807	0	17807	1777	19584	50.02
7	6965	1028	338	8331	645	4812	0	26	6348	6215	-567	19462	0	19462	1966	21428	50.04
8	7010	1396	330	8736	405	4773	0	154	6579	6441	-696	19813	0	19813	2158	21971	50.02
9	6994	1272	339	8605	388	4728	0	463	6578	6479	-892	19771	0	19771	2448	22219	50.00
10	6934	765	329	8028	400	4692	0	776	6894	6583	-1036	19443	0	19443	2719	22162	49.93
11	6887	538	328	7753	491	4689	0	887	7323	7362	-1339	19843	0	19843	2881	22724	49.96
12	6961	491	326	7778	606	4744	0	1059	7788	7597	-1236	20548	0	20548	2945	23493	49.97
13	6982	230	274	7486	798	4699	0	1005	7907	7440	-1307	20121	0	20121	2892	23013	49.95
14	6832	163	269	7264	1108	4647	0	958	7559	7109	-1495	19591	0	19591	2724	22315	50.05
15	6452	148	295	6895	1182	4651	0	900	7234	7053	-1531	19150	0	19150	2726	21876	50.02
16	6483	203	275	6961	1306	4637	0	737	6713	6487	-1392	18736	0	18736	2741	21477	49.94
17	6460	93	286	6839	1321	4688	0	511	6406	6208	-1360	18207	0	18207	2729	20936	49.95
18	6096	113	298	6507	1196	4339	0	195	6254	6109	-1425	16921	0	16921	2682	19603	49.99
19	6006	228	280	6514	1175	4109	0	10	6063	6084	-1297	16595	0	16595	2645	19240	49.97
20	6366	133	290	6789	1100	4139	0	0	6117	6039	-1206	16861	0	16861	2618	19479	49.95
21	6199	98	302	6599	1089	4094	0	0	5966	5748	-1270	16260	0	16260	2498	18758	50.02
22	6182	103	282	6567	985	3870	0	0	5884	5771	-1177	16016	0	16016	2305	18321	50.01
23	6150	103	303	6556	929	3725	0	0	5817	6036	-1099	16147	0	16147	2168	18315	50.01
24	6167	93	283	6543	841	3964	0	0	5754	5699	-1096	15951	0	15951	2114	18065	49.99
MUs	154.83	7.99	7.41	170.23	22.48	105.53	0.00	7.68	152.58	149.53	-25.85	429.61	0.00	429.61	56.51	486.12	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 06/Mar/2020

Position as on 6.30 Hrs of 07/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30	06/03/2020	19.39	Annual Maintenance Work.	
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	JSW (J) U2	300	02/03/2020	23.56	06/03/2020	13.56	C W Duct Leakage.	
MSPGCL	Khaparkheda Unit 4	210	04/03/2020	06.31	06/03/2020	10.15	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 06/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 07/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/Tripping							
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 II	InterState	04/03/2020	20.27	06/03/2020	11.22	HT	Over Voltage
Dabhol New koyana I	InterState	06/03/2020	09.31		Continued.	PO	Work at Dabhol end
Dhule Sar'Sarovar I	InterState	06/03/2020	18.08		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/03/2020	18.31	06/03/2020	06.02	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	06/03/2020	05.12	06/03/2020	06.59	T	Distance Protection
Karad - Lonikand 1	IntraState	06/03/2020	08.06		Continued.	PO	Annual Maintenance Work(RFC 20.10Hrs)
Khadka- Deepnagar Ckt 2	IntraState	06/03/2020	08.08	06/03/2020	16.24	PO	Replacement of Faulty Insulator String
Khadka-Aurangabad (Waluj)	IntraState	06/03/2020	20.17		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	06/03/2020	08.43	06/03/2020	20.30	PO	Testing Work
400/220/33 Kv 500 Mva ICT III @Aurangabad (Waluj)	IntraState	06/03/2020	10.31	06/03/2020	19.30	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	06/03/2020	14.13	06/03/2020	22.31	PO	Testing Work
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	06/03/2020	19.37	06/03/2020	19.53	HT	For Shifting HV side from Main Bus I to Main Bus II
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	06/03/2020	19.57	06/03/2020	20.11	HT	For Shifting HV side from Main Bus I to Main Bus II
220 KV LINE Outages/Tripping							
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)
Khaparkhedra-Butibori 3	InterState	06/03/2020	13.59	06/03/2020	16.13	PO	Replacement of R phase Jumper
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	Replacement Line Boxes.
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.
Nerul-Trombay	IntraState	06/03/2020	07.02	06/03/2020	08.45	PO	Strengthening and replacement of Bus Isolator of TBC Bay
Dhule - Dondaicha Ckt	IntraState	06/03/2020	08.39	06/03/2020	10.35	EO	To attend Hot Spot
Apta - Kalwa1	IntraState	06/03/2020	09.27	06/03/2020	19.50	PO	Providing additional Jumper at Loc.No.583,587,591
Mudshingi-Belewadi	IntraState	06/03/2020	09.35	06/03/2020	17.50	PO	Replacement of Old Disc Insulator
Oni Kharepatan Line	IntraState	06/03/2020	10.03	06/03/2020	17.13	PO	Line Maintenance work
Parli - Nanded II	IntraState	06/03/2020	10.56	06/03/2020	13.10	PO	Testing Work
Aurangabad PG (Chitepimpalgaon)-Shedra I	IntraState	06/03/2020	11.55	06/03/2020	16.58	PO	Routine Maintenance Work
Bombay Dyeing - Sahara	IntraState	06/03/2020	13.05	06/03/2020	19.29	PO	Chemical washing of Disc Insulator
Midc Chandrapur-Gadchandur	IntraState	06/03/2020	14.07	06/03/2020	18.47	PO	Testing Work
Hingoli- Girawali	IntraState	06/03/2020	14.14	06/03/2020	18.42	PO	Testing Work
Waluj- Padegaon li	IntraState	06/03/2020	14.18	06/03/2020	18.45	PO	Testing Work

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 06/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 07/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ghugus- Lloyds	IntraState	06/03/2020	15.11	06/03/2020	18.56	PO	Line Maintenance work
Bableshtar- Bableshtar-II	IntraState	06/03/2020	17.35	06/03/2020	20.45	EO	Insulator String replacement
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 5 @Aarey R/S	IntraState	06/03/2020	09.03	06/03/2020	14.26	PO	33KV Cable termination and connection of TR5
220/132 KV 200MVA ICT II @ Tilwani	IntraState	06/03/2020	09.23	06/03/2020	13.40	EO	Attending Oil Leakage
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	06/03/2020	13.11	06/03/2020	14.42	EO	Testing Work

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