

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Mar/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.430	1561.227	1) Gujrat	10.317	69.477
2) Hydro	4.442	63.031	2) Madhya Pradesh	13.301	145.316
3) Gas	6.674	82.265	3) Chattisgarh	5.140	51.510
Total MSPGCL	161.546	1706.523	4) Maharashtra	96.312	1222.585
B) 1) APMIL	60.611	689.147	5) Goa (Amona)	-0.506	-4.136
2) JSWEL	16.246	152.671	Total	124.564	1484.752
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.892	214.396
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	19.299	242.866
5) WPCL	2.466	26.336	c) MSEDCL Bilateral *	28.739	325.961
6) Other IPP	13.336	144.555	Include PX	-0.130	26.789
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.892	214.396
C) 1) TPCL Thermal	11.607	124.015	Include PX	2.094	67.823
2) TPCL Hydro	1.317	34.172	Standby	0.000	0.000
3) TPCL Gas	2.576	33.211	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.262	94.792	1) MSEDCL	385.953	4237.801
D) STATE			2) Mumbai Discoms	44.061	529.056
1) Thermal	263.958	2857.154	TOTAL STATE	430.014	4766.857
(A1+C1+C4+(B1-B6))					
2) Hydro	5.759	97.203			
(A2+C2)					
3) Gas	9.250	115.476			
(A3+B7+C3)					
4) Wind	19.998	138.959			
6) SOLAR	6.485	73.313			
TOTAL STATE	305.450	3282.105			

* 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 23 Hrs
MSPGCL Thermal	6171	6136	6116	6205
MSPGCL Hydro	392	221	252	130
MSPGCL Gas	277	268	280	281
MSPGCL Total Generation	6840	6625	6648	6616
Central Sector Receipt	6237	6417	4059	3735
WIND	653	931	1114	963
CPP / IPP Thermal	3743	3859	3657	3652
CPP / IPP Gas	0	0	0	0
SOLAR	906	907	0	0
Exchange with Mumbai	-753	-898	-917	-920
MSEDCL DEMAND MET	17626	17841	14561	14046
Load Shedding	0	0	0	0
MSEDCL DEMAND	17626	17841	14561	14046
TPCL GENERATION	671	670	779	688
AEML GENERATION	473	376	374	374
MUMBAI DEMAND	1897	1944	2070	1982
STATE DEMAND MET	19523	19785	16631	16028
STATE DEMAND	19523	19785	16631	16028
Frequency (Hz)	50.00	50.01	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 22.00 Hrs	49.88 Hz at 00.07 Hrs	50.03	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 10/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	10.78	107.07	530	380
Unit 9	11.02	117.79	505	380
Unit 10	10.24	110.28	490	380
Total	32.04	335.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.64	95.16	360	360
Unit 5	8.64	93.30	360	360
Total	17.28	188.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.80	50.04	203	192
Unit 7	0.00	44.16	0	0
Unit 8	5.03	52.79	218	204
Total	9.82	146.99		
Chandrapur				
Unit 3	4.01	41.88	190	163
Unit 4	3.87	39.91	170	160
Unit 5	8.88	36.12	450	350
Unit 6	8.94	97.90	470	358
Unit 7	8.93	68.34	455	361
Unit 8	9.12	100.64	495	360
Unit 9	9.12	98.82	485	360
Total	52.88	483.61		
Paras				
Unit 3	4.98	54.44	250	194
Unit 4	4.97	56.57	255	194
Total	9.94	111.01		
Khaparkheda				
Unit 1	3.76	39.58	165	145
Unit 2	3.80	41.04	165	150
Unit 3	3.97	42.69	200	158
Unit 4	3.94	32.52	195	160
Unit 5	9.04	100.28	435	362
Total	24.52	256.10		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.94	39.92	169	161
Unit 5	0.00	0.00	0	0
Total	3.94	39.92		
Uran				
All Units	6.67	82.26	297	266
Total	6.67	82.26		
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	0.56	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.56		
Koyna				
Stage 1-2	1.56	20.57	220	40
Stage 4	0.00	12.33	0	0
Stage 3	0.16	7.06	80	0
Total	1.72	39.96		
Hydro				
KDPH	0.86	6.29	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.54	4.38	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	1.62	80	0
RNGR+BHTSA	0.35	3.21	15	14
BHANDARDRA	0.45	1.62	28	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	4.46	17	16
GHATGHAR	0.00	1.49	0	0
Total	2.72	23.07		
Wind				
Total	20.00	138.96	0	0
Total	20.00	138.96		
CPP				
APML(Mus)	60.61	689.15	0	0
JSWEL(Mus)	16.25	152.67	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	2.47	26.34	0	0
Other(Mus)	13.34	144.56	0	0
Total	92.66	1077.12		
SOLAR				
Total	6.48	73.31	0	0
Total	6.48	73.31		
Tata				
Trombay 5	7.43	79.35	318	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	20.04	61	58
Trombay 7B	1.13	13.18	49	46
Trombay 8	4.18	44.66	176	173
TATA Hydro	1.32	34.17	183	0
Total	15.50	191.40		
AEML				
DTPS U-1&2	9.26	94.79	501	373
Total	9.26	94.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.43	1561.23	MSPGCL Total	161.55	1706.52
			MSPGCL Thml+Gas	157.10	1643.49	Koyna 1,2 & 4 Total	1.56	32.90
			MSPGCL Hydro	4.44	63.03	State Total	305.45	3282.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	6064	158	274	6496	632	4008	0	0	5663	5758	-904	15990	0	15990	1857	17847	50.00
2	6089	122	284	6495	611	4011	0	0	5595	5503	-767	15853	0	15853	1723	17576	50.01
3	6135	127	285	6547	613	4004	0	0	5518	5266	-687	15743	0	15743	1645	17388	50.00
4	6122	122	286	6530	572	3877	0	0	5475	5324	-635	15668	0	15668	1593	17261	50.03
5	6163	132	277	6572	593	3889	0	0	5513	5423	-650	15827	0	15827	1600	17427	50.03
6	6617	122	297	7036	606	4016	0	0	5600	5752	-703	16707	0	16707	1656	18363	50.01
7	7131	223	276	7630	521	4357	0	4	5905	5547	-729	17330	0	17330	1683	19013	50.05
8	7129	231	287	7647	423	4460	0	143	6050	6105	-716	18062	0	18062	1710	19772	50.03
9	6495	190	284	6969	384	4161	0	410	6173	5635	-804	16755	0	16755	1786	18541	50.06
10	6237	198	272	6707	422	3865	0	624	6104	5983	-770	16831	0	16831	1834	18665	50.03
11	6235	396	281	6912	532	3722	0	845	5834	6131	-692	17450	0	17450	1865	19315	49.98
12	6171	392	277	6840	653	3743	0	906	6422	6237	-753	17626	0	17626	1897	19523	50.00
13	6136	221	268	6625	931	3859	0	907	6274	6417	-898	17841	0	17841	1944	19785	50.01
14	6145	180	276	6601	1054	3951	0	834	5981	5841	-882	17399	0	17399	1926	19325	50.04
15	6141	190	277	6608	1270	3956	0	691	5919	5328	-807	17046	0	17046	1846	18892	50.07
16	6138	210	266	6614	1242	3675	0	523	5450	5511	-796	16769	0	16769	1822	18591	50.05
17	6156	165	277	6598	1300	3632	0	428	5046	4995	-791	16162	0	16162	1826	17988	50.01
18	6167	125	268	6560	1188	3636	0	159	4566	4567	-818	15292	0	15292	1860	17152	50.04
19	6145	132	277	6554	1228	3619	0	11	4016	3954	-889	14477	0	14477	1937	16414	50.03
20	6116	252	280	6648	1114	3657	0	0	3813	4059	-917	14561	0	14561	2070	16631	50.01
21	6167	137	270	6574	1184	3653	0	0	3941	3816	-947	14280	0	14280	2060	16340	50.05
22	6159	142	281	6582	1142	3633	0	0	3758	3702	-942	14117	0	14117	2028	16145	50.05
23	6205	130	281	6616	963	3652	0	0	3795	3735	-920	14046	0	14046	1982	16028	50.03
24	6167	145	273	6585	820	3623	0	0	3950	3975	-882	14121	0	14121	1911	16032	50.05
MUs	150.43	4.44	6.67	161.55	20.00	92.66	0.00	6.48	126.36	124.56	-19.30	385.95	0.00	385.95	44.06	430.01	50.03

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 10/Mar/2020

Position as on 6.30 Hrs of 11/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 By MSEDCL	
MSPGCL	Uran Unit 6	108	09/03/2020	18.15		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	09/03/2020	20.22		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 11/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
Dhule Sar'Sarovar II	InterState	09/03/2020	18.22	10/03/2020	06.35	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/03/2020	11.40	11/03/2020	06.17	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/03/2020	18.20	11/03/2020	06.42	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	10/03/2020	09.00	10/03/2020	15.37	PO	Diagnostic testing and Routine maintenance Work.
Dhule- Bableshtar - I	IntraState	10/03/2020	10.31	11/03/2020	07.34	PO	Quarterly Maintenance work & Relay Testing.
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 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220 kv 500MVA ICT-I @ Alkud	IntraState	10/03/2020	15.18	10/03/2020	20.07	PO	Routine maintenance & Diagnostic testing 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)
Boiser(M)-Boiser(PG) -III	InterState	10/03/2020	09.40	10/03/2020	11.19	PO	Destringing of existing Earth wire between existing loc. No. 17 to 03.
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	Isolation of 220KV Cables on MSETCL Tower NO.240
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	10/03/2020	15.14	PO	Tower Erection And Stringing Work
Nalasopara-Boisar	IntraState	10/03/2020	08.57	10/03/2020	12.25	PO	Destringing of existing Earth wire between existing loc. No. 17 to 03.
Boisar II - Boisar PG II	IntraState	10/03/2020	09.22	10/03/2020	13.11	PO	Destringing of existing Earth wire between existing loc. No. 17 to 03.
220 KV ICT Outages/Trippings							
220/33kv 125 MVA Transformer 5 @Aarey R/S	IntraState	11/03/2020	02.32		Continued.	T	Differential protection, L V B Ph Cable.

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