

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	74.387	717.374	1) Gujrat	8.188	72.904
2) Hydro	18.038	182.756	2) Madhya Pradesh	12.768	136.672
3) Gas	6.731	67.279	3) Chattisgarh	7.230	85.530
Total MSPGCL	99.156	967.409	4) Maharashtra	137.429	1457.528
B) 1) APML	68.585	704.230	5) Goa (Amona)	-0.528	-3.938
2) JSWEL	15.612	155.664	Total	165.087	1748.696
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.740	233.773
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.317	248.219
5) WPCL	2.580	26.820	c) MSEDCL Bilateral *	61.346	649.018
6) Other IPP	7.294	71.554	Include PX	37.455	416.671
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.740	233.773
C) 1) TPCL Thermal	6.473	64.474	Include PX	16.022	166.469
2) TPCL Hydro	5.441	47.513	Standby	0.000	0.000
3) TPCL Gas	4.402	43.877	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.974	90.520	1) MSEDCL	359.035	3693.122
D) STATE			2) Mumbai Discoms	48.607	494.604
1) Thermal	183.905	1830.636	TOTAL STATE	407.642	4187.726
(A1+C1+C4+(B1-B6))					
2) Hydro	23.479	230.269			
(A2+C2)					
3) Gas	11.133	111.156			
(A3+B7+C3)					
4) Wind	17.184	191.132			
6) SOLAR	6.854	75.836			
TOTAL STATE	242.555	2439.029			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	3094	3335	2813	2693
MSPGCL Hydro	459	573	236	367
MSPGCL Gas	276	287	280	285
MSPGCL Total Generation	3829	4195	3329	3345
Central Sector Receipt	8115	8500	5225	5990
WIND	457	406	1872	1260
CPP / IPP Thermal	3903	4057	3654	3278
CPP / IPP Gas	0	0	0	0
SOLAR	935	578	34	0
Exchange with Mumbai	-1019	-983	-986	-1050
MSEDCL DEMAND MET	16220	16753	13128	12823
Load Shedding	0	0	0	0
MSEDCL DEMAND	16220	16753	13128	12823
TPCL GENERATION	492	686	493	886
AEML GENERATION	376	373	373	374
MUMBAI DEMAND	1887	2042	1852	2310
STATE DEMAND MET	18107	18795	14980	15133
STATE DEMAND	18107	18795	14980	15133
Frequency (Hz)	50.06	50.04	50.09	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.02 Hrs	49.76 Hz at 03.12 Hrs	50.02	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/May/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	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Unit 10	0.00	0.00	0	0
Total	0.00	0.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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	2.51	35.76	218	0
Total	2.51	35.76		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	9.69	101.60	462	347
Unit 7	9.69	70.76	460	360
Unit 8	11.16	112.98	500	360
Unit 9	10.26	102.00	460	370
Total	40.80	387.33		
Paras				
Unit 3	3.31	38.67	250	0
Unit 4	5.73	56.50	254	197
Total	9.04	95.17		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.10	26.52	190	160
Unit 3	4.15	25.27	190	158
Unit 4	4.11	42.17	188	160
Unit 5	9.68	105.16	460	350
Total	22.04	199.11		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.73	67.28	299	265
Total	6.73	67.28		
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)	0.14	1.21	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	1.21		
Koyna				
Stage 1-2	3.68	51.95	405	40
Stage 4	8.36	78.01	994	0
Stage 3	3.70	28.63	320	0
Total	15.74	158.59		
Hydro				
KDPH	0.80	7.90	34	33
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	2.62	77	0
RNGR+BHTSA	0.26	2.87	11	10
BHANDARDRA	0.47	4.70	35	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	6.09	33	20
GHATGHAR	0.00	0.00	0	0
Total	2.30	24.17		
Wind				
Total	17.18	191.13	0	0
Total	17.18	191.13		
CPP				
APML(Mus)	68.58	704.23	0	0
JSWEL(Mus)	15.61	155.66	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.58	26.82	0	0
Other(Mus)	7.29	71.55	0	0
Total	94.07	958.27		
SOLAR				
Total	6.85	75.84	0	0
Total	6.85	75.84		
Tata				
Trombay 5	6.47	64.47	273	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	28.04	118	116
Trombay 7B	1.59	15.84	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.44	47.51	459	32
Total	16.32	155.86		
AEML				
DTPS U-1&2	8.97	90.52	376	371
Total	8.97	90.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	74.39	717.37	MSPGCL Total	99.16	967.41
			MSPGCL Thml+Gas	81.12	784.65	Koyna 1,2 & 4 Total	12.04	129.96
			MSPGCL Hydro	18.04	182.76	State Total	242.56	2439.03

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/May/2020

Annexure-2

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	3550	1550	294	5394	822	4326	0	0	6843	6643	-1150	16035	0	16035	2365	18400	49.97
2	3419	1490	273	5182	621	4243	0	0	6693	6592	-1032	15606	0	15606	2229	17835	49.93
3	3295	1323	285	4903	672	4260	0	0	6642	6119	-956	14998	0	14998	2117	17115	49.97
4	3305	1167	285	4757	651	4275	0	0	6535	6241	-908	15016	0	15016	2029	17045	49.93
5	3304	983	288	4575	588	4288	0	0	6856	6774	-868	15357	0	15357	1978	17335	49.98
6	3303	1113	299	4715	627	4242	0	0	7248	7202	-862	15924	0	15924	1987	17911	50.03
7	3283	1568	279	5130	313	4115	0	51	7702	7414	-777	16246	0	16246	1894	18140	50.04
8	3145	1192	296	4633	339	4078	0	240	7485	7165	-792	15663	0	15663	1844	17507	50.02
9	2943	1037	273	4253	241	4069	0	439	7312	7074	-924	15152	0	15152	1825	16977	50.02
10	3039	945	281	4265	221	4058	0	668	7284	6957	-859	15310	0	15310	1837	17147	50.01
11	3111	566	277	3954	350	4059	0	852	7566	7476	-955	15736	0	15736	1866	17602	50.07
12	3094	459	276	3829	457	3903	0	935	8124	8115	-1019	16220	0	16220	1887	18107	50.06
13	3166	321	265	3752	254	3876	0	945	8383	8332	-1065	16094	0	16094	1925	18019	50.05
14	3092	723	274	4089	294	4056	0	866	8334	8373	-1101	16577	0	16577	1961	18538	50.03
15	3308	488	265	4061	357	4057	0	790	8519	8473	-1042	16696	0	16696	2031	18727	50.00
16	3335	573	287	4195	406	4057	0	578	8481	8500	-983	16753	0	16753	2042	18795	50.04
17	3331	391	268	3990	638	4093	0	301	8072	7555	-918	15659	0	15659	1971	17630	50.01
18	3055	130	268	3453	1017	4000	0	155	7308	7113	-1014	14724	0	14724	1886	16610	50.03
19	2813	236	280	3329	1872	3654	0	34	5935	5225	-986	13128	0	13128	1852	14980	50.09
20	2725	332	282	3339	1593	3260	0	0	5180	4971	-977	12186	0	12186	2017	14203	50.07
21	2687	292	283	3262	1258	3270	0	0	5132	5208	-981	12017	0	12017	2122	14139	50.11
22	2692	475	283	3450	1114	3278	0	0	5001	5207	-926	12123	0	12123	2213	14336	50.05
23	2693	367	285	3345	1260	3278	0	0	5686	5990	-1050	12823	0	12823	2310	15133	50.01
24	2699	317	285	3301	1219	3276	0	0	6118	6368	-1172	12992	0	12992	2419	15411	50.02
MUs	74.39	18.04	6.73	99.16	17.18	94.07	0.00	6.85	168.44	165.09	-23.32	359.04	0.00	359.04	48.61	407.64	50.02

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/May/2020

Position as on 6.30 Hrs of 11/May/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
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	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	22/03/2020	10.45	11/05/2020	03.52	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	10/04/2020	20.30		Continued.	Zero Schedule By MSEDCL	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/May/2020

Position as on 6.30 Hrs of 11/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 9	660	12/04/2020	01.10		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	22/04/2020	20.45		Continued.	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Paras Unit 3	250	10/05/2020	01.27	10/05/2020	09.14	Clinker formation removal work	
MSPGCL	Parli Unit 8	250	10/05/2020	13.03		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 11/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	10/05/2020	09.53	10/05/2020	18.22	T	B PH UNIT Differential.
Ektuni-Akola II Ckt 2	IntraState	10/05/2020	16.05	10/05/2020	19.09	T	Distance Protection
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	09/05/2020	13.09	10/05/2020	08.25	EO	Earth Electrode station problem
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	30/04/2020	17.40		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	09/05/2020	21.48	10/05/2020	08.09	EO	CVT Replacement.
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
Chandrapur - Parli	IntraState	19/04/2020	02.20		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Chandrapur-II - Nanded ckt II	IntraState	19/04/2020	02.21		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Girwali- Lonikand 2	IntraState	03/05/2020	17.48		Continued.	HT	Controlling loading of Parli Parli (PG) D/C.
Dhule - Bableswhar - II	IntraState	06/05/2020	21.26		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/05/2020	18.17		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	10/05/2020	18.01		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	10/05/2020	18.05	11/05/2020	13:00	T	Distance Protection
Koradi-Khaperkheda I	IntraState	10/05/2020	18.06	11/05/2020	09:36	T	Over Voltage
Koradi-RattanIndia	IntraState	10/05/2020	18.08	11/05/2020	09:16	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt-II	IntraState	10/05/2020	18.13	10/05/2020	23.10	T	Distance Protection
karad -kolhapur-II	IntraState	10/05/2020	18.39	11/05/2020	11:46	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.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	17/04/2020	13.19		Continued.	PO	Attending Hot Spot
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	10/05/2020	08.31	10/05/2020	13.10	EO	Attending Oil Leakage
400/220/33 Kv 315 MVA ICT II @Bableswhar	IntraState	10/05/2020	08.52	10/05/2020	13.02	PO	Y PH UNIT Temp. meter Replacement.
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	10/05/2020	14.13	10/05/2020	16.41	EO	Oil Top UP .
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	10/05/2020	09.37	10/05/2020	15.23	PO	B BUS Outage.
Vasai Boiser(PG)	InterState	10/05/2020	09.51	10/05/2020	09.56	HT	Shifting From B-BUS To A BUS.
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
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Bus B @ Padaghe	IntraState	09/05/2020	09.30	10/05/2020	20.08	PO	Isolator Maintenance work.
Chakan-Chinchwad	IntraState	09/05/2020	21.17	10/05/2020	08.32	PO	To Manage Load.
Virur - Gadchiroli	IntraState	10/05/2020	05.00	10/05/2020	05.12	T	Distance Protection
Boisar II - Boisar PG II	IntraState	10/05/2020	08.51	10/05/2020	15.08	PO	B BUS OUTAGE.

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 10/May/2020

Statement-VII

Position as on 6.30 Hrs of 11/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tata Borivli MSETCL Borivli 4	IntraState	10/05/2020	10.42		Continued.	PO	LA replacement.
Nanded- Bhokar I	IntraState	10/05/2020	15.14	10/05/2020	19.36	PO	Disc Replacement work.
Balapur-Malegaon	IntraState	10/05/2020	17.46	10/05/2020	18.54	T	Distance Protection
Karad - Kadegaon	IntraState	10/05/2020	18.11	11/05/2020	09:01	T	Distance Protection
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	10/05/2020	18.22	10/05/2020	20.12	T	Distance Protection
Pusad-WardhaPG(Deoli)	IntraState	10/05/2020	19.10	10/05/2020	21.39	T	Distance Protection
Badnera-Akola li	IntraState	10/05/2020	20.00		Continued.	T	Distance Protection
Badnera-Akola I	IntraState	10/05/2020	22.54	10/05/2020	23.25	HT	ST LOC No.16 Sparking Observed.
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	27/04/2020	17.15		Continued.	HT	Over Voltage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	09/05/2020	14.06		Continued.	PO	Oil Filtration work

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