

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Mar/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	182.715	1692.873	1) Gujrat	2.690	31.714
2) Hydro	16.910	172.225	2) Madhya Pradesh	13.767	127.017
3) Gas	6.685	62.912	3) Chattisgarh	3.010	37.090
Total MSPGCL	206.310	1928.010	4) Maharashtra	144.926	1424.449
B) 1) APLM	56.621	601.326	5) Goa (Amona)	-0.968	-12.179
2) JSWEL	11.928	119.699	Total	163.425	1608.091
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.331	281.046
4) RPL(AMT)	31.406	308.656	b) Mumbai Drawl	30.632	292.217
5) SWPGPL	8.571	87.831	c) MSEDCL Bilateral *	34.226	365.959
6) Other IPP	18.893	186.796	Include PX	2.838	44.078
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.331	280.488
C) 1) TPCL Thermal	5.579	55.542	Include PX	15.306	159.679
2) TPCL Hydro	6.647	67.902	Standby	0.000	0.558
3) TPCL Gas	3.257	35.100	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.011	118.807	1) MSEDCL	480.195	4707.740
D) STATE			2) Mumbai Discoms	58.126	569.566
1) Thermal	327.724	3171.530	TOTAL STATE	538.321	5277.306
(A1+C1+C4+(B1-B6))					
2) Hydro	23.557	240.127			
(A2+C2)					
3) Gas	9.942	98.012			
(A3+B7+C3)					
4) Wind	6.040	77.279			
6) SOLAR	7.633	82.269			
TOTAL STATE	374.896	3669.217			

* 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	7831	7732	7497	7534
MSPGCL Hydro	1123	1120	392	233
MSPGCL Gas	267	265	280	282
MSPGCL Total Generation	9221	9117	8169	8049
Central Sector Receipt	7765	7619	6220	6291
WIND	63	92	331	412
CPP / IPP Thermal	5504	5446	5527	4698
CPP / IPP Gas	0	0	0	0
SOLAR	1024	1084	0	0
Exchange with Mumbai	-1590	-1611	-1308	-1018
MSEDCL DEMAND MET	21988	21746	18939	18432
Load Shedding	0	0	0	0
MSEDCL DEMAND	21988	21746	18939	18432
TPCL GENERATION	783	760	851	325
AEML GENERATION	501	499	501	501
MUMBAI DEMAND	2874	2870	2660	1844
STATE DEMAND MET	24862	24616	21599	20276
STATE DEMAND	24862	24616	21599	20276
Frequency (Hz)	49.92	49.96	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.77 Hz at 21.07 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 10/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.89	24.66	180	130
Unit 7	3.38	19.68	150	130
Unit 8	11.70	105.89	568	397
Unit 9	11.41	109.51	535	396
Unit 10	12.12	111.38	560	401
Total	42.51	371.12		
Bhusawal				
Unit 3	4.19	41.24	190	130
Unit 4	11.17	113.15	490	365
Unit 5	11.74	116.85	500	450
Total	27.10	271.24		
Parli				
Unit 6	5.88	55.16	250	220
Unit 7	5.83	29.16	249	198
Unit 8	5.65	56.75	250	201
Total	17.37	141.06		
Chandrapur				
Unit 3	3.44	30.59	147	130
Unit 4	3.60	36.23	155	148
Unit 5	9.92	101.12	430	350
Unit 6	10.03	99.37	430	400
Unit 7	0.00	0.00	0	0
Unit 8	11.93	117.96	500	491
Unit 9	11.18	114.33	489	450
Total	50.09	499.59		
Paras				
Unit 3	5.26	50.83	240	200
Unit 4	4.51	25.26	249	0
Total	9.77	76.09		
Khaparkheda				
Unit 1	3.40	32.50	145	135
Unit 2	3.84	38.03	165	155
Unit 3	4.84	45.67	205	190
Unit 4	4.52	43.44	200	170
Unit 5	11.22	102.80	495	450
Total	27.81	262.44		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.07	39.85	199	129
Unit 5	4.00	31.48	196	125
Total	8.08	71.33		
Uran				
All Units	6.68	62.91	295	256
Total	6.68	62.91		
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)	0.16	1.47	27	0
Total	0.16	1.47		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.57	44.72	550	40
Stage 4	6.49	62.08	990	0
Stage 3	2.30	22.98	160	0
Total	13.36	129.79		
Hydro				
KDPH	0.86	6.38	36	36
VTRNA	0.00	2.22	0	0
TILLARI	0.23	4.37	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	3.64	80	0
RNGR+BHTSA	0.29	3.42	13	6
BHANDARDRA	0.44	4.36	27	13
ELDARY	0.36	2.86	15	14
SMLHY_PTN	0.64	5.30	27	26
GHATGHAR	0.39	9.90	125	0
Total	3.55	42.44		
Wind				
Total	6.04	77.28	0	0
Total	6.04	77.28		
CPP				
APML(Mus)	56.62	601.33	0	0
JSWEL(Mus)	11.93	119.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.41	308.66	0	0
SWPGPL-Mus	8.57	87.83	0	0
Other(Mus)	18.89	186.80	0	0
Total	127.42	1304.31		
SOLAR				
Total	7.63	82.27	0	0
Total	7.63	82.27		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.93	21.37	117	50
Trombay 7B	1.32	13.73	68	41
Trombay 8	5.58	55.54	234	231
TATA Hydro	6.65	67.90	434	0
Total	15.48	158.54		
AEML				
DTPS U-1&2	12.01	118.81	502	499
Total	12.01	118.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	182.72	1692.87	MSPGCL Total	206.31	1928.01
			MSPGCL Thml+Gas	189.40	1755.78	Koyna 1,2 & 4 Total	11.06	106.81
			MSPGCL Hydro	16.91	172.22	State Total	374.90	3669.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Mar/2021

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	7614	223	282	8119	480	4867	0	0	6843	6699	-1326	18839	0	18839	2153	20992	49.98
2	7585	228	292	8105	535	4868	0	0	6632	6423	-1201	18730	0	18730	2027	20756	50.03
3	7508	223	283	8014	464	4751	0	0	6619	6363	-1101	18491	0	18491	1927	20418	50.01
4	7534	233	282	8049	412	4698	0	0	6233	6291	-1018	18432	0	18432	1844	20276	50.02
5	7650	223	292	8165	300	4838	0	0	6598	6430	-996	18738	0	18738	1823	20560	50.01
6	7760	545	294	8599	240	5059	0	0	6842	6547	-1040	19405	0	19405	1872	21277	49.92
7	7869	1422	283	9574	127	5328	0	2	6601	6635	-781	20884	0	20884	1939	22824	50.00
8	7922	1665	295	9882	86	5439	0	141	6745	6598	-778	21368	0	21368	2060	23428	50.04
9	7930	1046	293	9269	48	5508	0	396	6791	7042	-1028	21236	0	21236	2310	23546	50.05
10	7912	652	281	8845	50	5546	0	704	7275	7286	-1317	21114	0	21114	2601	23715	50.01
11	7880	893	268	9041	77	5484	0	909	7669	7062	-1528	21045	0	21045	2811	23856	49.96
12	7831	1123	267	9221	63	5504	0	1024	7765	7765	-1590	21988	0	21988	2874	24862	49.92
13	7732	1120	265	9117	92	5446	0	1084	7829	7619	-1611	21746	0	21746	2870	24616	49.96
14	7717	535	266	8518	107	5441	0	1114	7891	7757	-1550	21387	0	21387	2785	24172	49.99
15	7707	795	256	8758	94	5425	0	937	8040	7734	-1563	21385	0	21385	2844	24229	49.88
16	7697	1876	266	9839	75	5479	0	694	7545	7096	-1524	21659	0	21659	2873	24532	50.01
17	7761	1640	277	9678	124	5518	0	437	7209	7179	-1493	21443	0	21443	2842	24285	49.97
18	7813	813	269	8895	157	5517	0	181	6893	6804	-1410	20144	0	20144	2760	22904	49.97
19	7563	264	269	8096	257	5505	0	10	6674	6334	-1315	18887	0	18887	2664	21551	49.95
20	7497	392	280	8169	331	5527	0	0	6638	6220	-1308	18939	0	18939	2660	21599	49.98
21	6978	176	281	7435	481	5474	0	0	6539	6253	-1219	18424	0	18424	2539	20962	50.02
22	6883	232	281	7396	546	5156	0	0	6371	6322	-1166	18254	0	18254	2415	20668	49.95
23	7092	382	291	7765	418	5467	0	0	6367	6464	-1383	18731	0	18731	2329	21060	49.96
24	7280	209	272	7761	476	5574	0	0	6613	6502	-1386	18928	0	18928	2304	21232	50.04
MUs	182.71	16.91	6.69	206.31	6.04	127.42	0.00	7.63	167.22	163.43	-30.63	480.19	0.00	480.19	58.13	538.32	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 10/Mar/2021

Position as on 6.30 Hrs of 11/Mar/2021

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 5	500	08/02/2021	00.10		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL 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	
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	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyana Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
IPP	JSW (J) U3	300	20/02/2021	11.09	11/03/2021	03.40	No Schedule.	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
IPP	Adani U-5	660	07/03/2021	12.59	10/03/2021	03.57	APH 5A Hot Air Duct Heavy Leakage.	
MSPGCL	Paras Unit 4	250	10/03/2021	20.04		Continued.	Coal mill problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 11/Mar/2021

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							
Ektuni-Akola II Ckt 2	IntraState	26/02/2021	10.15		Continued.	PO	(MSRDC-Highway Authority) modification of line, Nagpur-Mumbai express Highway Work.
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Aurangabad (Ektuni)	IntraState	10/03/2021	19.29	10/03/2021	21.24	EO	Oil top up Work.
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
Koradi Bhilai	InterState	09/03/2021	10.30	10/03/2021	00.30	PO	Annual maintenance plan of Line Bay At koradi end & line Annual maintenance plan work permit may be provided.
Dhule Sar'Sarovar I	InterState	09/03/2021	20.08	10/03/2021	07.54	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	10/03/2021	18.08	11/03/2021	06.42	HT	Over Voltage
Padghe - Nagothane - I	IntraState	09/03/2021	10.13	10/03/2021	23.38	PO	PG Isolator Replacement
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA(501MVA ICT charged at 00.04Hrs on 11.03.2021 from HV side only)
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	09/03/2021	19.36	10/03/2021	00.35	EO	Inspection suspected TCIV of B ph of ICT-1
400/220kv 315 MVA ICT-I @ Lamboti	IntraState	10/03/2021	12.53	10/03/2021	19.07	PO	Testing Work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02		Continued.	PO	Replacement Of Circuit Breaker At Tillary End.
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18		Continued.	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Kalmeshwar-Pandhurna	IntraState	08/03/2021	14.01		Continued.	PO	Routine Maintenance Work
Kharghar-Borivali ckt I	IntraState	09/03/2021	09.52		Continued.	PO	Stringing of OPGW
Chandrapur(MIDC)-Ballarshah I	IntraState	10/03/2021	09.40	10/03/2021	20.44	PO	Fixing and Tightening of Jumper
chandrapur-Tadali	IntraState	10/03/2021	09.43	10/03/2021	20.26	PO	Fixing and Tightening of jumper
Mudshingi-Belewadi	IntraState	10/03/2021	10.09	10/03/2021	11.40	T	Distance Protection
Bableshwar -Ahamadnagar-I	IntraState	10/03/2021	10.30	10/03/2021	15.56	PO	Replacement of Faulty Disc Insulator
Butibori - Khaperkheda	IntraState	10/03/2021	10.34	10/03/2021	16.58	PO	Erection of Monopole Towers
Beed-Manjarsumba	IntraState	10/03/2021	10.54	10/03/2021	13.42	PO	Testing Work
Trombay - Mulund	IntraState	10/03/2021	12.06	10/03/2021	13.51	PO	Fixing of OPGW
PAL DOMBIVALI - PALAVA	IntraState	10/03/2021	12.56	10/03/2021	19.34	PO	Routine Maintenance Work
Patoda-Manjarsumba	IntraState	10/03/2021	14.48	10/03/2021	17.22	PO	Testing Work
220 KV ICT Outages/Trippings							
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	24/02/2021	10.30		Continued.	PO	Overhauling and servicing of ICT OLTC and Routine Maintenance Work
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	10/03/2021	09.28	10/03/2021	10.40	EO	To attend Hot Spot

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/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 11/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kv 125 Mva Transformer 1 @Gorai R/S	IntraState	10/03/2021	09.57	10/03/2021	19.17	PO	Annual Maintenance Work
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	10/03/2021	10.54	10/03/2021	15.24	PO	Testing Work
220/132 Kv 100 Mva Ict 1 @Bhokardan	IntraState	10/03/2021	11.30	10/03/2021	19.10	PO	Tan Delta measurement work