

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Mar/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.532	3836.806	1) Gujrat	0.112	56.976
2) Hydro	9.721	396.856	2) Madhya Pradesh	16.704	319.500
3) Gas	6.601	146.980	3) Chattisgarh	3.100	79.300
Total MSPGCL	173.854	4380.642	4) Maharashtra	129.913	3207.859
B) 1) APLM	50.162	1327.388	5) Goa (Amona)	-1.428	-28.660
2) JSWEL	14.597	318.999	Total	148.401	3634.975
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.126	609.612
4) RPL(AMT)	25.257	689.805	b) Mumbai Drawl	29.288	634.482
5) SWPGPL	6.616	189.334	c) MSEDCL Bilateral *	27.326	808.519
6) Other IPP	27.968	520.291	Include PX	-1.687	85.498
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.126	609.054
C) 1) TPCL Thermal	14.467	212.461	Include PX	2.401	283.963
2) TPCL Hydro	3.675	116.323	Standby	0.000	0.558
3) TPCL Gas	2.595	77.809	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.459	266.336	1) MSEDCL	440.647	10797.461
D) STATE			2) Mumbai Discoms	58.484	1307.413
1) Thermal	305.058	7361.420	TOTAL STATE	499.131	12104.874
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	13.396	513.179			
3) Gas (A3+B7+C3)	9.196	224.789			
4) Wind	16.679	192.820			
6) SOLAR	6.401	177.689			
TOTAL STATE	350.730	8469.897			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6710	6825	6730	5641
MSPGCL Hydro	512	470	468	269
MSPGCL Gas	267	267	270	283
MSPGCL Total Generation	7489	7562	7468	6193
Central Sector Receipt	7412	7371	5820	5203
WIND	626	218	455	1171
CPP / IPP Thermal	4892	5739	6046	4403
CPP / IPP Gas	0	0	0	0
SOLAR	939	588	0	0
Exchange with Mumbai	-1478	-1549	-1272	-1007
MSEDCL DEMAND MET	19880	19929	18517	15963
Load Shedding	0	0	0	0
MSEDCL DEMAND	19880	19929	18517	15963
TPCL GENERATION	1134	988	1086	576
AEML GENERATION	285	283	297	285
MUMBAI DEMAND	2897	2820	2655	1868
STATE DEMAND MET	22777	22749	21172	17831
STATE DEMAND	22777	22749	21172	17831
Frequency (Hz)	50.03	50.04	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.03 Hrs	49.83 Hz at 16.50 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 23/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.28	70.90	160	130
Unit 7	3.08	60.64	140	121
Unit 8	9.87	244.43	500	340
Unit 9	11.01	248.64	502	375
Unit 10	9.68	247.99	450	330
Total	36.92	872.59		
Bhusawal				
Unit 3	3.42	91.74	185	125
Unit 4	10.90	233.79	480	285
Unit 5	11.41	261.26	500	290
Total	25.72	586.78		
Parli				
Unit 6	4.90	117.58	248	157
Unit 7	5.03	101.01	248	190
Unit 8	5.21	128.88	230	207
Total	15.13	347.47		
Chandrapur				
Unit 3	0.00	67.10	0	0
Unit 4	0.00	54.66	0	0
Unit 5	9.59	231.04	428	280
Unit 6	9.63	229.60	430	290
Unit 7	0.00	0.00	0	0
Unit 8	11.36	234.67	500	450
Unit 9	11.09	260.85	481	420
Total	41.68	1077.93		
Paras				
Unit 3	5.34	117.82	245	152
Unit 4	4.14	76.40	242	0
Total	9.48	194.21		
Khaparkheda				
Unit 1	0.00	67.05	0	0
Unit 2	3.44	85.10	155	115
Unit 3	4.27	105.10	200	135
Unit 4	3.93	98.09	178	135
Unit 5	10.40	243.62	455	400
Total	22.03	598.95		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.25	76.89	183	125
Unit 5	3.32	81.97	188	127
Total	6.57	158.87		
Uran				
All Units	6.60	146.98	293	255
Total	6.60	146.98		
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)	0.00	3.58	0	0
Total	0.00	3.58		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.44	93.31	290	40
Stage 4	0.00	126.05	0	0
Stage 3	0.49	47.70	128	0
Total	2.94	267.06		
Hydro				
KDPH	0.86	17.61	36	36
VTRNA	0.81	12.84	60	0
TILLARI	0.70	10.45	58	0
BHIRA T.R.	0.08	6.36	77	0
SMLHY_PTN	4.34	49.99	192	167
GHATGHAR	0.00	16.40	0	0
Total	6.78	113.66		
Wind				
Total	16.68	192.82	0	0
Total	16.68	192.82		
CPP				
APML(Mus)	50.16	1327.39	0	0
JSWEL(Mus)	14.60	319.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.26	689.80	0	0
SWPGPL-Mus	6.62	189.33	0	0
Other(Mus)	27.97	520.29	0	0
Total	124.60	3045.82		
SOLAR				
Total	6.40	177.69	0	0
Total	6.40	177.69		
Tata				
Trombay 5	9.59	87.86	485	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	46.79	64	58
Trombay 7B	1.16	31.02	51	47
Trombay 8	4.88	124.60	236	137
TATA Hydro	3.68	116.32	309	42
Total	20.74	406.59		
AEML				
DTPS U-1&2	8.46	266.34	502	283
Total	8.46	266.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.53	3836.81	MSPGCL Total	173.85	4380.64
			MSPGCL Thml+Gas	164.13	3983.79	Koyna 1,2 & 4 Total	2.44	219.36
			MSPGCL Hydro	9.72	396.86	State Total	350.73	8469.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	6696	398	271	7365	816	4467	0	0	5703	5427	-1140	16935	0	16935	2300	19235	49.99
2	6583	260	292	7135	896	4454	0	0	5623	5608	-1057	17036	0	17036	2117	19153	50.01
3	6197	265	282	6744	1140	4427	0	0	5525	5312	-1103	16520	0	16520	1963	18483	50.03
4	5641	269	283	6193	1171	4403	0	0	5474	5203	-1007	15963	0	15963	1868	17831	50.03
5	5621	260	292	6173	1086	4415	0	0	5430	5419	-977	16116	0	16116	1839	17955	50.02
6	6158	258	283	6699	1108	4517	0	0	5595	5785	-1012	17097	0	17097	1876	18973	50.04
7	6591	471	282	7344	792	4790	0	3	5937	6211	-1056	18084	0	18084	1923	20007	50.01
8	6836	498	293	7627	762	5365	0	101	6116	6072	-1022	18905	0	18905	2045	20950	50.04
9	6790	302	271	7363	847	5691	0	349	6370	6309	-1266	19293	0	19293	2293	21586	50.01
10	6740	317	279	7336	881	5491	0	579	6578	6665	-1467	19485	0	19485	2588	22073	50.03
11	6745	437	267	7449	914	5122	0	724	6973	6951	-1453	19707	0	19707	2825	22532	50.04
12	6710	512	267	7489	626	4892	0	939	7273	7412	-1478	19880	0	19880	2897	22777	50.03
13	6651	428	266	7345	478	5113	0	1002	7311	7299	-1557	19680	0	19680	2857	22537	50.02
14	6563	368	255	7186	348	5178	0	889	7294	7220	-1492	19329	0	19329	2747	22076	50.04
15	6699	364	266	7329	259	5287	0	775	7332	7640	-1545	19745	0	19745	2797	22542	50.02
16	6825	470	267	7562	218	5739	0	588	7239	7371	-1549	19929	0	19929	2820	22749	50.04
17	6803	618	257	7678	227	5976	0	308	6743	6930	-1446	19673	0	19673	2791	22464	49.98
18	6887	625	269	7781	309	6008	0	136	6121	6069	-1308	18995	0	18995	2747	21742	49.99
19	6873	516	279	7668	380	6059	0	8	5854	5331	-1133	18313	0	18313	2670	20983	50.04
20	6730	468	270	7468	455	6046	0	0	6149	5820	-1272	18517	0	18517	2655	21172	50.03
21	6702	435	279	7416	477	5965	0	0	5457	5178	-1029	18007	0	18007	2570	20577	50.03
22	6448	409	270	7127	662	5312	0	0	5829	5543	-967	17677	0	17677	2465	20142	50.02
23	6508	406	271	7185	877	5008	0	0	6102	5794	-962	17902	0	17902	2421	20323	50.01
24	6535	367	290	7192	950	4875	0	0	6010	5832	-990	17859	0	17859	2410	20269	49.98
MUs	157.53	9.72	6.60	173.85	16.68	124.60	0.00	6.40	150.04	148.40	-29.29	440.65	0.00	440.65	58.48	499.13	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 23/Mar/2021

Position as on 6.30 Hrs of 24/Mar/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 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	Koyna 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	
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	
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	20/03/2021	00.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	20/03/2021	00.05		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	21/03/2021	16.12		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	22/03/2021	23.52		Continued.	Due To Low Vacuumed Pressure.	
MSPGCL	Paras Unit 4	250	23/03/2021	05.18	23/03/2021	08.10	Drum level High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2021

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
Akola Aurangabad(PG) I	InterState	18/03/2021	12.13		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Dhule Sar'Sarovar II	InterState	22/03/2021	22.01	23/03/2021	06.59	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/03/2021	22.02	24/03/2021	06.24	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Warora-Adani(Tiroda)1	IntraState	23/03/2021	09.32	23/03/2021	11.37	T	Tripped at Tiroda end only
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 500 Mva ICT III @Aurangabad (Waluj)	IntraState	15/03/2021	12.29		Continued.	PO	New repaired Y phase Unit to be commissioned
400/220/33kv 315mva Ict3 @Lonikand	IntraState	22/03/2021	12.04		Continued.	PO	For Servicing/Overhauling Of 400KV CGL Make C.B(In Service Through TBC)
400/220/33 315MVA ICT-III @ KHADKA	IntraState	23/03/2021	09.34	23/03/2021	17.55	PO	For attending Oil Leakage and R/M 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)
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.
Boisar Versova Line	IntraState	22/03/2021	10.04		Continued.	PO	Overhauling Of 220KV Circuit Breaker Operation Mechanism.(In Service Through TBC)
Alkud Miraj	IntraState	22/03/2021	16.28		Continued.	PO	Removing Bunching And Making Alkud S/S Lilo On 220KV Vita-Mahisal Line.
Vita - Mhaishal	IntraState	22/03/2021	16.41		Continued.	PO	Removing Bunching And Making Alkud S/S Lilo On 220KV Vita-Mahisal Line.
Vita Alkud	IntraState	22/03/2021	16.48	23/03/2021	12.33	PO	Removing Bunching And Making Alkud S/S Lilo On 220KV Vita-Mhaishal Line.
BHIRA (T) - KARANJADE CKT - 8	IntraState	23/03/2021	08.46	23/03/2021	19.50	PO	TLA Installation
Nerul-Trombay	IntraState	23/03/2021	08.47		Continued.	PO	OPGW stringing work
Nadgaonpeth-Amravati	IntraState	23/03/2021	10.33		Continued.	PO	Shifting of Old C&R panel
REL Borivali MSETCL Borivali Line-1	IntraState	23/03/2021	11.15	23/03/2021	16.41	PO	Testing Work
Gangapur-Valve	IntraState	23/03/2021	11.26	23/03/2021	14.36	PO	Quarterly Maintenance Work
Dhule - Malegaon	IntraState	23/03/2021	17.11	23/03/2021	19.01	T	Tripped due to auxiliary Isolator problem
220 KV ICT Outages/Trippings							
220/132kv 100MVA ICT II @Satara Midc	IntraState	23/03/2021	13.10	23/03/2021	16.23	PO	Quarterly Maintenance Work

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