

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Mar/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	169.553	3679.274	1) Gujrat	0.419	56.864
2) Hydro	11.645	387.135	2) Madhya Pradesh	13.758	302.796
3) Gas	5.366	140.379	3) Chattisgarh	3.740	76.200
Total MSPGCL	186.564	4206.788	4) Maharashtra	133.190	3077.946
B) 1) APML	52.337	1277.226	5) Goa (Amona)	-1.686	-27.232
2) JSWEL	14.078	304.402	Total	149.421	3486.574
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.221	583.486
4) RPL(AMT)	25.329	664.548	b) Mumbai Drawl	28.327	605.194
5) SWPGPL	6.749	182.718	c) MSEDCL Bilateral *	27.025	781.193
6) Other IPP	28.244	492.323	Include PX	-1.320	87.185
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.221	582.928
C) 1) TPCL Thermal	13.864	197.994	Include PX	2.425	281.562
2) TPCL Hydro	3.271	112.648	Standby	0.000	0.558
3) TPCL Gas	3.068	75.214	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.098	257.877	1) MSEDCL	448.614	10356.814
D) STATE			2) Mumbai Discoms	58.628	1248.929
1) Thermal	320.252	7056.362	TOTAL STATE	507.242	11605.743
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.916	499.783			
3) Gas (A3+B7+C3)	8.434	215.593			
4) Wind	7.435	176.141			
6) SOLAR	6.784	171.288			
TOTAL STATE	357.821	8119.167			

* 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	7172	7256	6998	6968
MSPGCL Hydro	620	498	667	322
MSPGCL Gas	288	255	279	140
MSPGCL Total Generation	8080	8009	7944	7430
Central Sector Receipt	7003	6829	5556	6081
WIND	91	76	371	215
CPP / IPP Thermal	5674	5941	5417	4456
CPP / IPP Gas	0	0	0	0
SOLAR	1010	1058	0	0
Exchange with Mumbai	-1331	-1387	-1090	-942
MSEDCL DEMAND MET	20527	20526	18198	17240
Load Shedding	0	0	0	0
MSEDCL DEMAND	20527	20526	18198	17240
TPCL GENERATION	1116	1044	1100	602
AEML GENERATION	497	498	500	284
MUMBAI DEMAND	2944	2929	2690	1828
STATE DEMAND MET	23471	23455	20888	19068
STATE DEMAND	23471	23455	20888	19068
Frequency (Hz)	49.96	49.92	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 07.00 Hrs	49.75 Hz at 12.14 Hrs	49.97	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 22/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.27	67.61	175	130
Unit 7	3.00	57.56	149	112
Unit 8	11.98	234.56	575	404
Unit 9	11.86	237.64	537	430
Unit 10	12.06	238.31	575	460
Total	42.18	835.67		
Bhusawal				
Unit 3	3.47	88.32	185	120
Unit 4	10.88	222.89	490	365
Unit 5	11.90	249.85	500	490
Total	26.24	561.06		
Parli				
Unit 6	5.28	112.68	250	190
Unit 7	5.11	95.98	249	194
Unit 8	5.34	123.67	250	206
Total	15.72	332.34		
Chandrapur				
Unit 3	0.00	67.10	0	0
Unit 4	0.00	54.66	0	0
Unit 5	10.27	221.44	435	419
Unit 6	10.11	219.97	429	409
Unit 7	0.00	0.00	0	0
Unit 8	11.74	223.31	500	465
Unit 9	10.69	249.76	461	428
Total	42.80	1036.25		
Paras				
Unit 3	5.53	112.48	240	218
Unit 4	5.73	72.25	249	231
Total	11.25	184.73		
Khaparkheda				
Unit 1	2.66	67.05	120	90
Unit 2	3.60	81.66	160	115
Unit 3	4.23	100.83	205	140
Unit 4	3.61	94.16	165	140
Unit 5	10.39	233.21	460	400
Total	24.49	576.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.40	73.65	198	121
Unit 5	3.46	78.65	196	125
Total	6.87	152.30		
Uran				
All Units	5.37	140.38	291	130
Total	5.37	140.38		
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)	0.25	3.58	25	0
Total	0.25	3.58		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.22	90.86	270	40
Stage 4	1.24	126.05	426	0
Stage 3	0.86	47.20	160	0
Total	4.32	264.12		
Hydro				
KDPH	0.86	16.75	36	36
VTRNA	0.74	12.03	60	0
TILLARI	0.72	9.75	58	0
BHIRA T.R.	0.08	6.28	77	0
SMLHY_PTN	4.92	45.66	245	168
GHATGHAR	0.00	16.40	0	0
Total	7.32	106.87		
Wind				
Total	7.44	176.14	0	0
Total	7.44	176.14		
CPP				
APML(Mus)	52.34	1277.23	0	0
JSWEL(Mus)	14.08	304.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.33	664.55	0	0
SWPGPL-Mus	6.75	182.72	0	0
Other(Mus)	28.24	492.32	0	0
Total	126.74	2921.22		
SOLAR				
Total	6.78	171.29	0	0
Total	6.78	171.29		
Tata				
Trombay 5	9.07	78.27	487	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.79	45.36	117	58
Trombay 7B	1.28	29.86	67	47
Trombay 8	4.80	119.72	236	138
TATA Hydro	3.27	112.65	306	0
Total	20.20	385.86		
AEML				
DTPS U-1&2	10.10	257.88	501	283
Total	10.10	257.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	169.55	3679.27	MSPGCL Total	186.56	4206.79
			MSPGCL Thml+Gas	174.92	3819.65	Koyna 1,2 & 4 Total	3.46	216.92
			MSPGCL Hydro	11.64	387.14	State Total	357.82	8119.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	6993	374	150	7517	131	4865	0	0	6312	6241	-1271	17483	0	17483	2162	19645	49.97
2	7019	331	130	7480	138	4758	0	0	6211	6220	-1148	17448	0	17448	2024	19472	50.01
3	7002	324	150	7476	139	4572	0	0	6104	6061	-1016	17232	0	17232	1902	19134	50.00
4	6968	322	140	7430	215	4456	0	0	5944	6081	-942	17240	0	17240	1828	19068	49.99
5	6911	447	150	7508	263	4570	0	0	5939	5910	-912	17339	0	17339	1797	19136	49.98
6	7117	600	150	7867	183	5230	0	0	5985	6044	-966	18358	0	18358	1851	20209	49.98
7	7243	411	140	7794	278	5890	0	12	6454	6558	-1063	19469	0	19469	1906	21375	50.05
8	7281	400	159	7840	294	5986	0	133	6671	6633	-882	20004	0	20004	2058	22062	50.07
9	7168	373	177	7718	224	5848	0	454	6894	6870	-1332	19782	0	19782	2310	22092	49.99
10	7219	382	219	7820	214	5876	0	693	6707	6875	-1485	19992	0	19992	2610	22602	49.96
11	7246	325	268	7839	102	5794	0	929	7070	6409	-1307	19766	0	19766	2854	22620	49.94
12	7172	620	288	8080	91	5674	0	1010	7189	7003	-1331	20527	0	20527	2944	23471	49.96
13	7256	498	255	8009	76	5941	0	1058	6923	6829	-1387	20526	0	20526	2929	23455	49.92
14	7017	399	255	7671	65	5676	0	920	7123	6787	-1393	19726	0	19726	2834	22560	50.00
15	7118	608	276	8002	88	5624	0	716	7214	7013	-1432	20011	0	20011	2872	22883	49.93
16	7208	820	255	8283	219	5718	0	477	7334	6640	-1404	19933	0	19933	2890	22823	49.97
17	7039	776	266	8081	439	5584	0	284	7098	6135	-1229	19294	0	19294	2860	22154	49.92
18	7021	597	268	7886	318	4740	0	92	6382	6046	-1151	17930	0	17930	2772	20702	49.97
19	7005	586	269	7860	400	4909	0	6	5667	5715	-1091	17799	0	17799	2678	20477	49.97
20	6998	667	279	7944	371	5417	0	0	5480	5556	-1090	18198	0	18198	2690	20888	49.98
21	6938	502	280	7720	632	5096	0	0	5155	5090	-1027	17511	0	17511	2581	20092	49.96
22	6963	399	281	7643	814	5003	0	0	5395	5301	-1075	17686	0	17686	2466	20152	49.97
23	6807	337	270	7414	847	4806	0	0	5756	5625	-1171	17521	0	17521	2412	19933	49.97
24	6844	547	291	7682	894	4705	0	0	5636	5779	-1222	17838	0	17838	2398	20236	49.87
MUs	169.55	11.65	5.37	186.56	7.43	126.74	0.00	6.78	152.64	149.42	-28.33	448.61	0.00	448.61	58.63	507.24	49.97

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 22/Mar/2021

Position as on 6.30 Hrs of 23/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 5	108	18/03/2021	14.20	22/03/2021	07.05	Gas Shortage.	
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 22/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 23/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 I	InterState	21/03/2021	19.54	22/03/2021	06.44	HT	Over Voltage
Padgha Tarapur I	InterState	22/03/2021	17.21	22/03/2021	17.55	T	Tripped On PDR At Padghe End.
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		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Jaigad-Karad Ckt-I	IntraState	22/03/2021	10.53	22/03/2021	14.54	EO	Attending Hot Spot At 29B Rph IPs Clamp Towards LA Side.
Koradi-Khaperkheda li	IntraState	22/03/2021	11.02	22/03/2021	13.56	PO	Attend Red Hot Spot On 29B Isolator Fixed Contact Hanger Rod Connected To Bus By Hot Line Units.
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.
Kharghar-Sonkhar	IntraState	22/03/2021	09.06	22/03/2021	23.58	PO	B Phase Bus Isolator Hot Spot Attending Work By Hot Line Technic.
Boisar Versova Line	IntraState	22/03/2021	10.04		Continued.	PO	Overhauling Of 220KV Circuit Breaker Operation Mechanism.(In Service Through TBC)
Kolhapur-Bidri	IntraState	22/03/2021	10.09	22/03/2021	17.13	PO	Quarterly Maintenance Work
Loteparshuram- Dasturi Line	IntraState	22/03/2021	10.22	22/03/2021	16.00	PO	220KV Bus PT-2 Secondary Connection & 220KV Bus Jumper Connection.
Uran - Ongc Uran	IntraState	22/03/2021	11.05	22/03/2021	15.25	PO	Replacement Of Fiber Gear Assembly At ONGC End CB.
Talandge-Hamidwada	IntraState	22/03/2021	11.39	22/03/2021	17.27	PO	T Jumper Removal Work. Quarterly Maintenance Work Of CB.
Ongc Uran - Jnpt	IntraState	22/03/2021	15.35	22/03/2021	19.15	PO	Replacement Of Fiber Gear Assembly At ONGC End CB.
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-

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 22/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 23/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Mhaishal Line.
Padgha - Temghar I	IntraState	22/03/2021	17.21	22/03/2021	17.55	T	Tripped on PDR
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 Ptr 2 @Kharepatan	IntraState	22/03/2021	08.35	22/03/2021	14.19	PO	ICT Painting Work.
220/22 Kv 50 Mva T&R Ptr 1 @Anandnagar	IntraState	22/03/2021	10.10	22/03/2021	16.05	PO	HV CB Overhauling By Agency.
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