

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Mar/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.520	3509.721	1) Gujrat	1.477	56.445
2) Hydro	12.104	375.490	2) Madhya Pradesh	14.416	289.038
3) Gas	3.330	135.013	3) Chattisgarh	3.500	72.460
Total MSPGCL	172.954	4020.224	4) Maharashtra	134.606	2944.756
B) 1) APLM	45.415	1224.889	5) Goa (Amona)	-1.062	-25.546
2) JSWEL	12.160	290.324	Total	152.937	3337.153
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.723	558.265
4) RPL(AMT)	22.209	639.219	b) Mumbai Drawl	21.541	576.867
5) SWPGPL	6.414	175.969	c) MSEDCL Bilateral *	29.900	754.168
6) Other IPP	28.333	464.079	Include PX	1.439	88.505
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.723	557.707
C) 1) TPCL Thermal	14.503	184.130	Include PX	2.478	279.137
2) TPCL Hydro	0.286	109.377	Standby	0.000	0.558
3) TPCL Gas	3.326	72.146	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.560	247.779	1) MSEDCL	437.527	9908.200
D) STATE			2) Mumbai Discoms	50.217	1190.301
1) Thermal	297.114	6736.110	TOTAL STATE	487.744	11098.501
(A1+C1+C4+(B1-B6))					
2) Hydro	12.390	484.867			
(A2+C2)					
3) Gas	6.656	207.159			
(A3+B7+C3)					
4) Wind	11.315	168.706			
6) SOLAR	7.331	164.504			
TOTAL STATE	334.806	7761.346			

* 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 3 Hrs
MSPGCL Thermal	6711	6953	6501	6210
MSPGCL Hydro	853	671	968	308
MSPGCL Gas	130	130	130	130
MSPGCL Total Generation	7694	7754	7599	6648
Central Sector Receipt	7354	7148	5929	5900
WIND	186	171	354	675
CPP / IPP Thermal	4373	5015	4486	4740
CPP / IPP Gas	0	0	0	0
SOLAR	1075	571	0	0
Exchange with Mumbai	-895	-745	-820	-1129
MSEDCL DEMAND MET	19787	19914	17548	16834
Load Shedding	0	0	0	0
MSEDCL DEMAND	19787	19914	17548	16834
TPCL GENERATION	837	900	954	522
AEML GENERATION	498	497	497	283
MUMBAI DEMAND	2230	2142	2271	1934
STATE DEMAND MET	22017	22056	19819	18768
STATE DEMAND	22017	22056	19819	18768
Frequency (Hz)	49.97	49.91	49.99	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 18.03 Hrs	49.77 Hz at 21.09 Hrs	50	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 21/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.28	64.34	160	130
Unit 7	3.04	54.56	140	110
Unit 8	10.66	222.57	541	326
Unit 9	10.35	225.78	475	375
Unit 10	9.75	226.25	480	330
Total	37.07	793.50		
Bhusawal				
Unit 3	3.28	84.85	180	120
Unit 4	11.55	212.02	495	325
Unit 5	7.38	237.96	500	0
Total	22.22	534.82		
Parli				
Unit 6	4.96	107.41	250	200
Unit 7	4.84	90.88	249	191
Unit 8	5.10	118.34	250	206
Total	14.90	316.62		
Chandrapur				
Unit 3	2.28	67.10	145	0
Unit 4	0.00	54.66	0	0
Unit 5	9.80	211.18	435	310
Unit 6	9.56	209.86	426	300
Unit 7	0.00	0.00	0	0
Unit 8	11.85	211.57	500	480
Unit 9	10.89	239.08	485	420
Total	44.37	993.45		
Paras				
Unit 3	4.76	106.95	210	185
Unit 4	5.56	66.52	250	206
Total	10.32	173.48		
Khaparkheda				
Unit 1	2.74	64.40	120	105
Unit 2	3.39	78.06	155	115
Unit 3	4.31	96.60	205	135
Unit 4	3.74	90.54	177	130
Unit 5	10.85	222.82	470	407
Total	25.02	552.43		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.42	70.24	132	0
Unit 5	3.20	75.18	184	122
Total	3.62	145.43		
Uran				
All Units	3.33	135.01	150	130
Total	3.33	135.01		
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)	0.03	3.33	23	0
Total	0.03	3.33		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.02	88.64	555	40
Stage 4	0.00	124.81	0	0
Stage 3	0.63	46.35	80	0
Total	3.64	259.80		
Hydro				
KDPH	0.86	15.88	36	36
VTRNA	0.95	11.29	60	0
TILLARI	0.00	9.03	0	0
BHIRA T.R.	0.08	6.20	43	0
SMLHY_PTN	5.41	40.74	241	198
GHATGHAR	1.16	16.40	250	0
Total	8.46	99.55		
Wind				
Total	11.32	168.71	0	0
Total	11.32	168.71		
CPP				
APML(Mus)	45.42	1224.89	0	0
JSWEL(Mus)	12.16	290.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.21	639.22	0	0
SWPGPL-Mus	6.41	175.97	0	0
Other(Mus)	28.33	464.08	0	0
Total	114.53	2794.48		
SOLAR				
Total	7.33	164.50	0	0
Total	7.33	164.50		
Tata				
Trombay 5	9.68	69.21	487	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.99	43.57	117	58
Trombay 7B	1.34	28.57	68	46
Trombay 8	4.82	114.92	240	136
TATA Hydro	0.29	109.38	61	0
Total	18.12	365.65		
AEML				
DTPS U-1&2	10.56	247.78	499	283
Total	10.56	247.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.52	3509.72	MSPGCL Total	172.95	4020.22
			MSPGCL Thml+Gas	160.85	3644.73	Koyna 1,2 & 4 Total	3.02	213.45
			MSPGCL Hydro	12.10	375.49	State Total	334.81	7761.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	6218	307	140	6665	609	4993	0	0	6151	6115	-1194	17188	0	17188	2214	19402	49.99
2	6161	304	150	6615	643	4937	0	0	6085	6059	-1173	17081	0	17081	2059	19140	50.03
3	6210	308	130	6648	675	4740	0	0	6009	5900	-1129	16834	0	16834	1934	18768	50.05
4	6154	317	150	6621	851	4666	0	0	6043	5945	-1048	17035	0	17035	1852	18887	50.04
5	6210	312	140	6662	993	4686	0	0	5902	5894	-1010	17225	0	17225	1814	19039	50.02
6	6312	317	150	6779	1048	5059	0	0	5969	5930	-1036	17780	0	17780	1843	19623	49.97
7	6618	310	140	7068	1061	5453	0	12	6559	6184	-1029	18749	0	18749	1839	20588	50.01
8	6541	316	150	7007	918	5185	0	162	6996	6632	-964	18940	0	18940	1857	20797	50.03
9	6486	505	140	7131	707	4971	0	453	6477	6627	-708	19181	0	19181	1968	21149	49.99
10	6703	362	140	7205	533	5120	0	765	6613	6145	-768	19000	0	19000	2100	21100	50.01
11	6554	394	130	7078	328	4596	0	992	6921	6784	-852	18926	0	18926	2192	21118	49.99
12	6711	853	130	7694	186	4373	0	1075	7369	7354	-895	19787	0	19787	2230	22017	49.97
13	6946	739	140	7825	132	4359	0	1061	7322	7135	-874	19638	0	19638	2208	21846	50.02
14	6984	807	130	7921	97	4394	0	997	6989	7078	-816	19671	0	19671	2148	21819	50.07
15	7032	558	140	7730	69	4498	0	868	7221	7351	-759	19757	0	19757	2139	21896	50.00
16	6953	671	130	7754	171	5015	0	571	7323	7148	-745	19914	0	19914	2142	22056	49.91
17	6877	571	130	7578	287	5195	0	287	6753	6525	-719	19153	0	19153	2120	21273	50.00
18	6855	580	130	7565	203	4977	0	86	6311	5845	-671	18005	0	18005	2103	20108	50.04
19	6249	504	150	6903	433	4467	0	2	6066	6139	-679	17265	0	17265	2141	19406	50.05
20	6501	968	130	7599	354	4486	0	0	5964	5929	-820	17548	0	17548	2271	19819	49.99
21	6424	412	140	6976	504	4528	0	0	5909	5633	-835	16806	0	16806	2287	19093	49.99
22	5992	696	140	6828	206	4443	0	0	5979	6139	-806	16810	0	16810	2263	19073	49.94
23	6812	617	140	7569	151	4563	0	0	6035	6095	-884	17494	0	17494	2246	19740	49.96
24	7017	376	140	7533	156	4827	0	0	6382	6351	-1127	17740	0	17740	2246	19986	49.93
MUs	157.52	12.10	3.33	172.95	11.32	114.53	0.00	7.33	155.35	152.94	-21.54	437.53	0.00	437.53	50.22	487.74	50.00

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 21/Mar/2021

Position as on 6.30 Hrs of 22/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	Nasik Unit 4	210	18/03/2021	08.37	21/03/2021	00.47	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	
IPP	JSW (J) U2	300	20/03/2021	01.00	21/03/2021	19.52	CW DUCT Leakage.	
MSPGCL	Bhusawal Unit 5	500	20/03/2021	18.43	21/03/2021	06.25	Class A protection OPTD.	
MSPGCL	Nasik Unit 4	210	21/03/2021	01.14	21/03/2021	19.39	Low pressure Vaccum.	
MSPGCL	Chandrapur Unit 3	210	21/03/2021	16.12		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 22/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							
Koradi III - Tirora - I	IntraState	21/03/2021	02.46	21/03/2021	07.41	T	Distance Protection
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	20/03/2021	17.33	21/03/2021	07.35	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/03/2021	19.54	22/03/2021	06.44	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	20/03/2021	20.36	21/03/2021	09.33	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	21/03/2021	08.22	21/03/2021	20.28	PO	Routine Maintenance Work
Deepnagar Waluj 1	IntraState	21/03/2021	14.07	21/03/2021	21.43	T	Distance Protection
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
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.
Ranjangaon-Fiat 1	IntraState	21/03/2021	08.30	21/03/2021	13.25	PO	CT-Tan delta work
NERUL - SEAWOOD CABLE CKT - 2	IntraState	21/03/2021	11.12	21/03/2021	15.36	HT	Attending Hot Spot
Talegaon (Ambi)-General Motors	IntraState	21/03/2021	11.42	21/03/2021	13.12	PO	Replacement work
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	21/03/2021	12.42	21/03/2021	14.25	PO	Attending Hot Spot
Vita Alkud	IntraState	21/03/2021	12.45	21/03/2021	17.53	HT	Load Management
Ranjangaon-Fiat 2	IntraState	21/03/2021	14.30	21/03/2021	16.45	PO	CT-Tan delta work
220 KV ICT Outages/Trippings							
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	21/03/2021	09.14	21/03/2021	18.19	PO	ICT Painting work

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