

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Mar/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.602	3290.990	1) Gujrat	-6.990	-130.199
2) Hydro	40.344	472.327	2) Madhya Pradesh	7.597	196.394
3) Gas	6.897	87.806	3) Chattisgarh	4.490	110.370
Total MSPGCL	209.843	3851.123	4) Maharashtra	161.011	3486.213
B) 1) APLM	76.407	1531.036	5) Goa (Amona)	-1.487	-26.883
2) JSWEL	18.637	409.866	Total	164.621	3635.895
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.729	594.925
4) RPL(AMT)	25.589	531.302	b) Mumbai Drawl	28.348	644.709
5) SWPGPL	6.371	124.756	c) MSEDCL Bilateral *	84.138	2056.588
6) Other IPP	38.759	821.200	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.676	594.739
C) 1) TPCL Thermal	13.566	272.660	Include PX	0.000	5.604
2) TPCL Hydro	6.438	99.490	Standby	0.053	0.186
3) TPCL Gas	3.887	34.094	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.902	192.943	1) MSEDCL	527.626	10457.900
D) STATE			2) Mumbai Discoms	64.142	1243.896
1) Thermal	353.833	7174.753	3) Other Discoms	8.818	183.007
(A1+C1+C4+(B1-B6))			TOTAL STATE	600.586	11884.803
2) Hydro	46.782	571.817			
(A2+C2)					
3) Gas	10.784	121.900			
(A3+B7+C3)					
4) Wind	16.841	214.815			
6) SOLAR	7.724	165.623			
TOTAL STATE	435.964	8248.908			

* 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	6748	6755	6505	7063
MSPGCL Hydro	1671	1886	2181	1017
MSPGCL Gas	287	275	288	281
MSPGCL Total Generation	8706	8916	8974	8361
Central Sector Receipt	8085	7935	6297	6313
WIND	941	752	519	787
CPP / IPP Thermal	6839	7019	7039	6711
CPP / IPP Gas	0	0	0	0
SOLAR	1172	1133	1	0
Exchange with Mumbai	-1506	-1533	-1236	-916
MSEDCL DEMAND MET	23841	23828	21200	20967
Load Shedding	0	0	0	0
MSEDCL DEMAND	23841	23828	21200	20967
TPCL GENERATION	1166	1144	1142	626
AEML GENERATION	491	500	501	500
MUMBAI DEMAND	3163	3177	2879	2042
OTHER DISCOM DEMAND	396	394	394	289
STATE DEMAND MET	27400	27399	24473	23298
STATE DEMAND	27400	27399	24473	23298
Frequency (Hz)	49.94	49.99	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.17 Hz at 18.01 Hrs	49.69 Hz at 14.27 Hrs	49.95	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation, Maximum, Minimum for 21/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.85	86.09	170	155
Unit 7	0.00	0.00	0	0
Unit 8	14.44	287.84	609	598
Unit 9	12.55	275.89	589	24
Unit 10	7.76	211.33	495	0
Total	38.60	861.15		
Bhusawal				
Unit 3	0.00	44.63	0	0
Unit 4	10.73	194.52	480	430
Unit 5	10.86	61.41	485	430
Total	21.60	300.56		
Parli				
Unit 6	5.22	96.27	250	201
Unit 7	0.00	66.38	0	0
Unit 8	3.72	70.84	166	147
Total	8.94	233.50		
Chandrapur				
Unit 3	4.46	58.26	189	182
Unit 4	3.92	82.59	171	151
Unit 5	8.72	160.71	378	350
Unit 6	9.72	114.53	425	365
Unit 7	9.61	188.02	427	300
Unit 8	10.71	176.35	476	424
Unit 9	10.26	216.82	437	409
Total	57.39	997.29		
Paras				
Unit 3	5.04	110.01	217	203
Unit 4	5.05	108.51	216	206
Total	10.10	218.52		
Khaparkheda				
Unit 1	2.53	70.72	130	0
Unit 2	3.41	74.46	155	120
Unit 3	4.50	75.24	191	181
Unit 4	3.90	84.97	181	140
Unit 5	3.97	217.88	470	0
Total	18.31	523.28		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.36	85.76	194	154
Unit 5	3.32	70.93	154	115
Total	7.67	156.69		
Uran				
All Units	6.90	87.81	324	265
Total	6.90	87.81		
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)	0.07	3.34	27	0
Total	0.07	3.34		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	8.34	104.64	535	40
Stage 4	18.19	159.13	1015	403
Stage 3	5.76	56.44	320	122
Total	32.29	320.22		
Hydro				
KDPH	0.67	13.63	36	18
VTRNA	0.64	1.80	60	0
TILLARI	0.35	2.26	58	0
BHIRA T.R.	0.27	5.69	43	0
SMLHY_PTN	6.06	125.39	263	241
GHATGHAR	0.00	0.00	0	0
Total	7.99	148.77		
Wind				
Total	16.84	214.82	0	0
Total	16.84	214.82		
CPP				
APML(Mus)	76.41	1531.04	0	0
JSWEL(Mus)	18.64	409.87	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.59	531.30	0	0
SWPGPL-Mus	6.37	124.76	0	0
Other(Mus)	38.76	821.20	0	0
Total	165.76	3418.16		
SOLAR				
Total	7.72	165.62	0	0
Total	7.72	165.62		
Tata				
Trombay 5	8.28	181.79	369	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	20.37	116	64
Trombay 7B	1.49	13.72	67	51
TATA Hydro	6.44	99.49	435	0
Trombay 8	5.29	90.87	242	133
Total	23.89	406.24		
AEML				
DTPS U-1&2	11.90	192.94	501	468
Total	11.90	192.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.60	3290.99	MSPGCL Total	209.84	3851.12
			MSPGCL Thml+Gas	169.50	3378.80	Koyna 1,2 & 4 Total	26.53	263.78
			MSPGCL Hydro	40.34	472.33	State Total	435.96	8248.91

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Mar/2022

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6735	1343	300	8378	1034	6913	0	0	5865	5964	-1021	20956	0	20956	2460	312	23728	49.97
2	6793	1434	291	8518	921	6864	0	0	5976	5946	-899	21067	0	21067	2294	283	23644	49.95
3	6913	1421	302	8636	884	6790	0	0	6237	6104	-901	21233	0	21233	2143	280	23656	50.01
4	7063	1017	281	8361	787	6711	0	0	6620	6313	-916	20967	0	20967	2042	289	23298	49.99
5	7229	877	301	8407	716	6724	0	0	6950	6807	-911	21454	0	21454	2000	289	23743	49.98
6	7248	1213	292	8753	785	6847	0	0	6670	6669	-817	21919	0	21919	2065	318	24302	49.94
7	7269	1773	292	9334	819	7066	0	6	5987	6013	-750	22133	0	22133	2159	355	24647	49.99
8	7325	1553	301	9179	792	7088	0	96	6135	5942	-827	21889	0	21889	2278	381	24548	50.00
9	7325	1196	291	8812	627	6864	0	343	6707	7101	-1068	22284	0	22284	2553	395	25232	49.99
10	6944	1596	270	8810	811	6759	0	632	7522	7650	-1382	22890	0	22890	2856	390	26136	49.97
11	6860	1569	288	8717	1005	6734	0	968	8094	8077	-1516	23584	0	23584	3096	401	27081	49.92
12	6748	1671	287	8706	941	6839	0	1172	8197	8085	-1506	23841	0	23841	3163	396	27400	49.94
13	6755	1886	275	8916	752	7019	0	1133	7902	7935	-1533	23828	0	23828	3177	394	27399	49.99
14	6424	1834	275	8533	601	6711	0	1092	8294	8142	-1552	23147	0	23147	3063	380	26590	49.95
15	6305	2149	265	8719	528	6752	0	954	8460	8695	-1613	23638	0	23638	3110	397	27145	49.77
16	6309	2237	275	8821	362	6865	0	694	8015	8683	-1566	23452	0	23452	3155	407	27014	49.78
17	6360	2217	276	8853	284	6982	0	449	7505	7757	-1454	22453	0	22453	3133	418	26004	49.83
18	6387	2234	277	8898	282	7035	0	170	6760	6938	-1375	21526	0	21526	3029	422	24977	50.01
19	6433	1966	288	8687	378	7040	0	14	6217	6530	-1267	20974	0	20974	2908	408	24290	49.99
20	6505	2181	288	8974	519	7039	0	1	6286	6297	-1236	21200	0	21200	2879	394	24473	49.96
21	6577	1573	278	8428	609	7059	0	0	6008	5943	-1159	20490	0	20490	2752	390	23632	49.98
22	6650	1568	280	8498	734	7061	0	0	5679	5628	-1073	20456	0	20456	2649	392	23497	49.97
23	6703	1750	324	8777	870	7031	0	0	5558	5817	-1019	21097	0	21097	2596	379	24072	49.93
24	6742	2086	300	9128	800	6970	0	0	5658	5585	-987	21148	0	21148	2581	348	24077	49.94
MUs	162.60	40.34	6.90	209.84	16.84	165.76	0.00	7.72	163.30	164.62	-28.35	527.63	0.00	527.63	64.14	8.82	600.58	49.95

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/2022

Position as on 6.30 Hrs of 22/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		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 (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated. (from 15/03/2022 due to coal shortage)	
MSPGCL	Ghatghar Unit-2	125	11/03/2022	01:25		Continued.	TRIPPED ON SFC HEAVY FAULT WHILE TAKING ON PUMPING MODE.(PUMPING TRIAL CARRIED OUT SUCCESSFULLY FROM 20:35HRS TO 22:35HRS DT.10/03/22)	
MSPGCL	Uran Unit 5	108	14/03/2022	00:00	21/03/2022	22:08	Gas shortage	21/03/2022
MSPGCL	Parli Unit 7	250	15/03/2022	23:10		Continued.	Furnace Pressure High	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	
MSPGCL	Bhusawal Unit 3	210	20/03/2022	07:00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	20/03/2022	21:49	21/03/2022	00:30	Water pump problem	
MSPGCL	Khaparkheda Unit 1	210	21/03/2022	01:27	21/03/2022	03:58	Flame Failure	
MSPGCL	Khaparkheda Unit 5	500	21/03/2022	09:14		Continued.	suspected BTL	
MSPGCL	Koradi Unit-10	660	21/03/2022	13:23	21/03/2022	18:02	FD Fan Problem.	21/03/2022
MSPGCL	Uran Unit 5	108	22/03/2022	05:59	22/03/2022	08:54	CARD MALOPERATE	22/03/2022
MSPGCL	Uran Unit 6	108	22/03/2022	05:59	22/03/2022	07:03	Maintenance work	22/03/2022

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Mar/2022

Position as on 6.30 Hrs of 22/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit A0	120	22/03/2022	05:59		Continued.	Maintenance work	22/03/2022
MSPGCL	Uran Unit 5	108	22/03/2022	09:43		Continued.	Fuel Gas valve issue.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 22/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	12/03/2022	15:01			T	Pole-2 tripped at Padghe end. Black smoke observed near pole 2, B phase converter transformer's 3A bushing - turret. Fire looked external and it was extinguished in 10-15 minutes using fire tenders and fire hydrant
400 KV LINE Outages/Trippings							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	21/03/2022	10:00	21/03/2022	19:32	PO	Shutdown required for Annual maintenance of transmission line.
BABHALESHWAR - RPL(NSK) CKT - 2	IntraState	21/03/2022	16:45			PO	for 400kV Quad Moose conductor's stringing work across the samruddhi Maha marg road.
400 KV ICT Outages/Trippings							
105 MVA SPARE ICT @ CHAKAN	IntraState	21/03/2022	10:44	21/03/2022	18:30	PO	For routine Testing and Maintenance
400/220/33 KV 500 MVA ICT - 3 @ KOLHAPUR	IntraState	21/03/2022	13:11	21/03/2022	22:07	PO	1. Pre monsoon Maintenance. 2. QM work 3. Isolator alignment work
400/220/33 KV 315 MVA ICT - 2 @ PARLI	IntraState	22/03/2022	09:45			PO	1) IV Backup relay & CTs Testing work. 2) Bay maintenance work.
220 KV MAINBAY Outages/Trippings							
TBC @ CHAKAN	IntraState	22/03/2022	10:44			PO	For work of CB Testing
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
BHUGAON - WARDHA (PG)	IntraState	21/03/2022	15:33	21/03/2022	21:07	HT	O/D H/T
FLAGSHIP-CHINCHWAD	IntraState	22/03/2022	10:05			PO	CT replacement work due to Higher tan-delta values in LE scheme
PETH- MUDSHINGI 1 LINE	IntraState	22/03/2022	10:27			PO	R Ph CT oil leakage attending work
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Differential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220 / 110 / 22kV 250MVA ICT 1 @ BORIVALI (TATA)	IntraState	17/03/2022	12:30			PO	Shifting to new GIS
220/33KV 25MVA PTR 1 @ HALKARNI	IntraState	21/03/2022	09:15			PO	For Transformer Internal Inspection, Oil Filtration, Vacuum Process and Testing work
220/33KV 50MVA PTR 2 @ 5 STAR MIDC, KAGAL	IntraState	21/03/2022	11:00			PO	For HV CB overhauling and oil leakage attending work
220 KV BUSBAR Outages/Trippings							
AUXILIARY BUS @ HAMIDWADA	IntraState	21/03/2022	12:40	21/03/2022	15:30	PO	PID testing
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 22/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
TATA BORIVLI MSETCL BORIVLI 1	IntraState	21/03/2022	22:35	22/03/2022	02:41	EO	ATTENDING HOT SPOT AT BMC END

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage