

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Apr/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.097	3010.392	1) Gujrat	-0.355	8.765
2) Hydro	22.789	430.435	2) Madhya Pradesh	15.334	299.645
3) Gas	6.818	120.272	3) Chattisgarh	4.150	83.120
Total MSPGCL	176.704	3561.099	4) Maharashtra	159.242	3059.070
B) 1) APLM	60.328	1269.734	5) Goa (Amona)	-1.675	-27.026
2) JSWEL	12.091	258.287	Total	176.696	3423.574
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.519	480.535
4) RPL(AMT)	25.833	602.008	b) Mumbai Drawl	21.800	474.061
5) SWPGPL	9.124	168.234	c) MSEDCL Bilateral *	53.106	949.815
6) Other IPP	19.154	423.750	Include PX	21.899	344.740
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.519	480.422
C) 1) TPCL Thermal	17.021	307.304	Include PX	2.386	117.219
2) TPCL Hydro	4.014	63.358	Standby	0.000	0.114
3) TPCL Gas	3.065	59.706	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.957	231.080	1) MSEDCL	488.639	9664.117
D) STATE			2) Mumbai Discoms	57.857	1135.511
1) Thermal	302.605	6270.789	TOTAL STATE	546.496	10799.628
(A1+C1+C4+(B1-B6))					
2) Hydro	26.803	493.793			
(A2+C2)					
3) Gas	9.883	179.978			
(A3+B7+C3)					
4) Wind	21.841	273.008			
6) SOLAR	8.668	158.484			
TOTAL STATE	369.800	7376.052			

* 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 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6024	6032	5928	6283
MSPGCL Hydro	802	1086	629	756
MSPGCL Gas	284	273	286	308
MSPGCL Total Generation	7110	7391	6843	7347
Central Sector Receipt	8763	8370	6684	6527
WIND	488	481	963	1159
CPP / IPP Thermal	5247	5235	5313	5301
CPP / IPP Gas	0	0	0	0
SOLAR	1163	1136	0	0
Exchange with Mumbai	-1083	-1070	-718	-714
MSEDCL DEMAND MET	21688	21543	19085	19620
Load Shedding	0	0	0	0
MSEDCL DEMAND	21688	21543	19085	19620
TPCL GENERATION	1095	1111	1211	784
AEML GENERATION	501	503	501	501
MUMBAI DEMAND	2679	2684	2430	1999
STATE DEMAND MET	24367	24227	21515	21619
STATE DEMAND	24367	24227	21515	21619
Frequency (Hz)	49.96	50.07	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.01 Hrs	49.72 Hz at 10.55 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 20/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	35.46	175	145
Unit 7	3.33	47.55	149	119
Unit 8	11.29	218.50	560	397
Unit 9	7.80	176.92	405	230
Unit 10	8.43	112.36	390	320
Total	34.79	590.78		
Bhusawal				
Unit 3	4.34	61.04	185	170
Unit 4	11.46	198.24	480	475
Unit 5	11.66	230.56	500	450
Total	27.46	489.84		
Parli				
Unit 6	4.87	104.20	242	181
Unit 7	4.72	108.66	238	176
Unit 8	4.67	97.93	211	185
Total	14.26	310.79		
Chandrapur				
Unit 3	3.57	37.34	152	147
Unit 4	0.00	0.00	0	0
Unit 5	9.99	195.00	430	395
Unit 6	0.00	146.96	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.54	226.31	448	0
Unit 9	10.39	217.55	455	399
Total	28.50	823.16		
Paras				
Unit 3	6.04	107.28	255	250
Unit 4	6.02	111.01	258	243
Total	12.06	218.29		
Khaparkheda				
Unit 1	2.55	53.70	115	95
Unit 2	0.00	41.06	0	0
Unit 3	3.95	71.47	185	150
Unit 4	3.59	66.16	162	130
Unit 5	10.44	184.83	484	380
Total	20.54	417.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.77	78.04	200	193
Unit 5	4.73	82.28	201	188
Total	9.50	160.31		
Uran				
All Units	6.82	120.27	308	273
Total	6.82	120.27		
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	1.16	0	0
Total	0.00	1.16		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.90	96.78	495	50
Stage 4	6.57	138.09	626	0
Stage 3	3.10	51.59	240	0
Total	15.56	286.46		
Hydro				
KDPH	0.84	17.22	35	35
VTRNA	0.66	18.42	60	0
TILLARI	0.58	8.18	58	0
BHIRA T.R.	0.18	2.98	80	0
SMLHY_PTN	4.97	94.52	225	192
GHATGHAR	0.00	2.65	0	0
Total	7.23	143.98		
Wind				
Total	21.84	273.01	0	0
Total	21.84	273.01		
CPP				
APML(Mus)	60.33	1269.73	0	0
JSWEL(Mus)	12.09	258.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.83	602.01	0	0
SWPGPL-Mus	9.12	168.23	0	0
Other(Mus)	19.15	423.75	0	0
Total	126.53	2722.01		
SOLAR				
Total	8.67	158.48	0	0
Total	8.67	158.48		
Tata				
Trombay 5	11.35	203.10	480	424
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.79	34.98	108	62
Trombay 7B	1.27	24.73	64	49
Trombay 8	5.67	104.21	239	213
TATA Hydro	4.01	63.36	327	0
Total	24.10	430.37		
AEML				
DTPS U-1&2	11.96	231.08	503	439
Total	11.96	231.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.10	3010.39	MSPGCL Total	176.70	3561.10
			MSPGCL Thml+Gas	153.92	3130.66	Koyna 1,2 & 4 Total	12.47	234.87
			MSPGCL Hydro	22.79	430.44	State Total	369.80	7376.05

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Apr/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6293	1303	287	7883	1332	5567	0	0	6617	6385	-990	20177	0	20177	2501	22678	49.90
2	6286	1119	297	7702	1261	5337	0	0	6589	6198	-913	19585	0	19585	2311	21896	50.00
3	6323	978	287	7588	1236	5346	0	0	6238	6353	-823	19700	0	19700	2161	21861	50.04
4	6306	798	278	7382	1278	5287	0	0	6318	6418	-743	19622	0	19622	2053	21675	50.01
5	6283	756	308	7347	1159	5301	0	0	6789	6527	-714	19620	0	19620	1999	21619	50.01
6	6317	572	278	7167	1178	5291	0	0	7565	7362	-724	20274	0	20274	2060	22334	50.00
7	6322	1484	288	8094	1076	5261	0	59	7495	7471	-704	21257	0	21257	2031	23288	50.02
8	6316	1195	308	7819	897	5295	0	282	7472	7407	-760	20940	0	20940	2094	23034	50.03
9	6487	860	277	7624	769	5276	0	590	7608	7419	-887	20791	0	20791	2281	23072	50.03
10	6367	1204	276	7847	749	5267	0	891	7475	7690	-961	21483	0	21483	2487	23970	49.98
11	6300	880	284	7464	719	5251	0	1054	8507	8105	-1081	21512	0	21512	2625	24137	49.91
12	6024	802	284	7110	488	5247	0	1163	8851	8763	-1083	21688	0	21688	2679	24367	49.96
13	6032	1086	273	7391	481	5235	0	1136	8419	8370	-1070	21543	0	21543	2684	24227	50.07
14	6019	781	274	7074	512	5195	0	1098	8514	8502	-1053	21328	0	21328	2621	23949	50.09
15	6017	864	283	7164	467	5178	0	990	8994	8788	-1117	21470	0	21470	2690	24160	49.99
16	5944	1131	273	7348	556	5153	0	738	8876	8771	-1107	21459	0	21459	2700	24159	50.02
17	5920	1426	284	7630	729	5107	0	455	8118	8176	-1047	21050	0	21050	2640	23690	50.05
18	5951	1060	274	7285	985	5123	0	195	7194	7070	-965	19693	0	19693	2513	22206	50.03
19	6014	461	286	6761	1175	5221	0	17	6554	6282	-875	18581	0	18581	2399	20980	50.01
20	5936	704	285	6925	910	5255	0	0	6697	6595	-939	18746	0	18746	2434	21180	49.97
21	5936	710	286	6932	910	5295	0	0	6474	6560	-781	18916	0	18916	2415	21331	49.98
22	5928	629	286	6843	963	5313	0	0	6885	6684	-718	19085	0	19085	2430	21515	49.98
23	5896	754	286	6936	1026	5352	0	0	7094	7444	-824	19934	0	19934	2498	22432	50.04
24	5880	1232	276	7388	985	5377	0	0	7285	7356	-921	20185	0	20185	2551	22736	49.90
MUs	147.10	22.79	6.82	176.70	21.84	126.53	0.00	8.67	178.63	176.70	-21.80	488.64	0.00	488.64	57.86	546.50	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 20/Apr/2021

Position as on 6.30 Hrs of 21/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital 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)	
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.12.05.21)	
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.	
MSPGCL	Uran Unit 5	108	02/04/2021	23.19		Continued.	Gas shortage	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Chandrapur Unit 6	500	16/04/2021	23.58	21/04/2021	12.28	Boiler validity expiry.	
IPP	Adani U-3	660	17/04/2021	20.55	21/04/2021	13.28	APH-A Hot Bellow leakage	
MSPGCL	Ghatghar Unit-1	125	18/04/2021	18.00		Continued.	Bypass Work.	
IPP	RPL(AMT) U-1	270	20/04/2021	01.00		Continued.	Bottom Ash System Problem.	
MSPGCL	Chandrapur Unit-8	500	20/04/2021	11.00		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	21/04/2021	01.00		Continued.	Due to coal issue.	
MSPGCL	Koradi Unit 6	210	21/04/2021	04.12		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 21/Apr/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 I	IntraState	06/04/2021	06.46	20/04/2021	11.58	PO	Nagpur-Mumbai Express Highway 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
Dhule Sar'Sarovar I	InterState	19/04/2021	18.45	20/04/2021	09.54	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	20/04/2021	18.29		Continued.	HT	Over Voltage
Akola Wardha li	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway)
Akola Wardha I	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway).
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Padghe - Nagothane - II	IntraState	20/04/2021	10.44	20/04/2021	16.58	EO	String Replacement Work
Padghe - Nagothane - I	IntraState	21/04/2021	02.56	21/04/2021	19.16	T	Distance Protection
Babhaleshwar - Padghe-I	IntraState	21/04/2021	04.58	21/04/2021	07.59	T	Distance Protection
Jaigad-Karad Ckt-II	IntraState	21/04/2021	09.10	21/04/2021	13.23	PO	Hotline insulator washing.
Jaigad-Karad Ckt-I	IntraState	21/04/2021	09.10	21/04/2021	13.23	PO	Hotline insulator washing.
Girwali-Solapur (Lamboti)	IntraState	21/04/2021	11.10	21/04/2021	19.15	PO	Fixing of missing VD.
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.
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)
Trombay - Kalwa	IntraState	14/04/2021	12.27		Continued.	PO	Conductor replacement.
Warora - Hinganghat	IntraState	16/04/2021	18.10		Continued.	HT	Original ckt is Warora Wardha ckt.
Vankuswade - Kdph	IntraState	20/04/2021	09.30	20/04/2021	19.40	PO	Main Bus outage at Vankuswade.
Vankuswadi - Ajinkyatara	IntraState	20/04/2021	10.15	20/04/2021	18.55	PO	Outage At Main Bus @ Vankuswade.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	20/04/2021	10.39	20/04/2021	16.47	PO	CT Protection and Metering Core Separation
ACCIL - Apta	IntraState	20/04/2021	12.25	20/04/2021	18.00	PO	220Kv ACCIL Busbar Protection Relay Online Testing Work.
Padgha - Temghar I	IntraState	20/04/2021	19.03	20/04/2021	23.12	PO	Replacement Of Distance Relay.
Khaparkheda-Ambazari-I	IntraState	21/04/2021	07.32	21/04/2021	21.47	PO	Shifting CKT on ERS.
Khaparkheda-Kanhan	IntraState	21/04/2021	07.32	21/04/2021	21.21	PO	Shifting CKT on ERS.
Kamba - Kolshet	IntraState	21/04/2021	09.15	21/04/2021	19.24	PO	Online stringing of OPGW cable on 220KV Kamba Kolshet line.
Osmanabad - Solapur (Bale)	IntraState	21/04/2021	09.50	21/04/2021	11.29	PO	Quarterly Maintainance Work
Niwali - Pawas Line	IntraState	21/04/2021	11.36	21/04/2021	13.49	EO	Bypass oil leakage CC (R ph).
Kandalgaon - Bhira	IntraState	21/04/2021	12.51	21/04/2021	18.15	PO	Jumper nut bolt tightening and hotspot attending.
220 KV ICT Outages/Trippings							
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	21/04/2021	11.20	21/04/2021	13.00	PO	Quarterly Maintainance Work

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