

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.508	3050.711	1) Gujrat	0.704	8.532
2) Hydro	4.648	196.553	2) Madhya Pradesh	7.122	134.785
3) Gas	6.714	132.234	3) Chattisgarh	4.630	103.630
Total MSPGCL	155.870	3379.498	4) Maharashtra	109.268	2589.780
B) 1) APML	58.344	1138.340	5) Goa (Amona)	-1.221	-20.519
2) JSWEL	9.609	236.480	Total	120.503	2816.208
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.652	409.872
4) RPL(AMT)	21.337	529.583	b) Mumbai Drawl	23.949	447.598
5) WPCL	3.236	151.192	c) MSEDCL Bilateral *	6.951	531.279
6) Other IPP	16.297	349.789	Include PX	-16.015	-52.911
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.652	405.825
C) 1) TPCL Thermal	5.055	157.216	Include PX	9.279	125.046
2) TPCL Hydro	5.735	92.672	Standby	0.000	4.047
3) TPCL Gas	2.757	75.897	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.696	197.694	1) MSEDCL	394.822	8516.381
D) STATE			2) Mumbai Discoms	48.191	971.078
1) Thermal	269.082	5811.005	TOTAL STATE	443.013	9487.459
(A1+C1+C4+(B1-B6))					
2) Hydro	10.383	289.225			
(A2+C2)					
3) Gas	9.471	208.131			
(A3+B7+C3)					
4) Wind	25.326	210.870			
6) SOLAR	8.249	152.019			
TOTAL STATE	322.511	6671.250			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7080	6293	6818	4583
MSPGCL Hydro	263	151	232	113
MSPGCL Gas	281	268	280	294
MSPGCL Total Generation	7624	6712	7330	4990
Central Sector Receipt	5392	5469	4436	4789
WIND	1236	1412	751	1075
CPP / IPP Thermal	4841	4385	5398	3887
CPP / IPP Gas	0	0	0	0
SOLAR	1054	1313	0	0
Exchange with Mumbai	-1130	-1123	-1060	-929
MSEDCL DEMAND MET	19017	18168	16854	13812
Load Shedding	0	0	0	0
MSEDCL DEMAND	19017	18168	16854	13812
TPCL GENERATION	745	768	777	251
AEML GENERATION	501	501	500	283
MUMBAI DEMAND	2376	2392	2337	1463
STATE DEMAND MET	21393	20560	19192	15275
STATE DEMAND	21393	20560	19192	15275
Frequency (Hz)	50.03	49.93	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 22.01 Hrs	49.77 Hz at 01.34 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/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.21	0	0
Unit 7	0.00	5.60	0	0
Unit 8	11.42	237.25	610	372
Unit 9	11.16	217.66	581	372
Unit 10	12.08	160.46	600	370
Total	34.65	627.18		
Bhusawal				
Unit 3	3.18	15.01	150	125
Unit 4	9.46	212.16	475	280
Unit 5	9.46	208.62	495	280
Total	22.10	435.79		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	80.88	0	0
Unit 7	0.00	82.54	0	0
Unit 8	0.00	87.53	0	0
Total	0.00	250.95		
Chandrapur				
Unit 3	3.04	66.98	134	117
Unit 4	2.04	66.38	150	0
Unit 5	8.43	108.68	435	275
Unit 6	8.62	187.34	430	283
Unit 7	8.62	176.21	440	195
Unit 8	9.87	220.08	500	275
Unit 9	9.92	218.14	491	281
Total	50.52	1043.81		
Paras				
Unit 3	4.56	97.23	244	149
Unit 4	4.84	86.43	250	150
Total	9.40	183.67		
Khaparkheda				
Unit 1	3.03	64.78	150	115
Unit 2	3.34	70.57	170	115
Unit 3	3.87	84.86	200	135
Unit 4	3.82	80.30	202	132
Unit 5	10.66	141.54	500	290
Total	24.72	442.06		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.11	67.26	148	124
Unit 5	0.00	0.00	0	0
Total	3.11	67.26		
Uran				
All Units	6.71	132.23	295	267
Total	6.71	132.23		
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)	0.10	4.31	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	4.31		
Koyna				
Stage 1-2	1.88	59.30	305	35
Stage 4	0.00	46.83	0	0
Stage 3	0.36	23.09	80	0
Total	2.24	129.21		
Hydro				
KDPH	0.89	11.96	37	37
VTRNA	0.46	7.64	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	5.22	80	0
RNGR+BHTSA	0.32	6.92	14	13
BHANDARDRA	0.00	2.29	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	9.41	17	16
GHATGHAR	0.00	22.83	0	0
Total	2.40	67.34		
Wind				
Total	25.33	210.87	0	0
Total	25.33	210.87		
CPP				
APML(Mus)	58.34	1138.34	0	0
JSWEL(Mus)	9.61	236.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.34	529.58	0	0
WPCL(Mus)	3.24	151.19	0	0
Other(Mus)	16.30	349.79	0	0
Total	108.82	2405.38		
SOLAR				
Total	8.25	152.02	0	0
Total	8.25	152.02		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.54	47.65	67	62
Trombay 7B	1.22	28.25	52	49
Trombay 8	5.06	95.02	238	136
TATA Hydro	5.74	92.67	427	0
Total	13.55	325.78		
AEML				
DTPS U-1&2	10.70	197.69	501	283
Total	10.70	197.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.51	3050.71	MSPGCL Total	155.87	3379.50
			MSPGCL Thml+Gas	151.22	3182.94	Koyna 1,2 & 4 Total	1.88	106.12
			MSPGCL Hydro	4.65	196.55	State Total	322.51	6671.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Feb/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	4572	108	293	4973	935	3784	0	0	4966	5095	-873	13914	0	13914	1719	15634	49.96
2	4602	113	273	4988	968	3915	0	0	4840	5024	-784	14111	0	14111	1617	15728	49.93
3	4603	108	293	5004	1066	4065	0	0	4797	4663	-950	13848	0	13848	1519	15367	50.00
4	4583	113	294	4990	1075	3887	0	0	4818	4789	-929	13812	0	13812	1463	15275	50.02
5	4605	108	283	4996	1219	3783	0	0	5044	5220	-929	14289	0	14289	1468	15757	49.98
6	5711	143	294	6148	1341	4041	0	0	4816	4816	-998	15348	0	15348	1542	16890	49.99
7	6971	143	294	7408	1336	4422	0	5	4238	4221	-885	16507	0	16507	1635	18142	50.01
8	6995	263	295	7553	1191	5044	0	127	4300	4874	-885	17904	0	17904	1751	19655	50.03
9	7042	183	293	7518	957	5617	0	457	4714	4605	-837	18317	0	18317	1968	20285	50.04
10	7043	218	271	7532	988	5527	0	767	5150	4785	-966	18633	0	18633	2220	20853	50.07
11	7080	263	281	7624	1236	4841	0	1054	5476	5392	-1130	19017	0	19017	2376	21393	50.03
12	6977	227	269	7473	1281	4607	0	1140	5611	5396	-1171	18726	0	18726	2423	21149	50.01
13	6293	151	268	6712	1412	4385	0	1313	5687	5469	-1123	18168	0	18168	2392	20560	49.93
14	5606	181	268	6055	1228	4344	0	1109	5973	5852	-990	17598	0	17598	2261	19859	50.01
15	5438	371	267	6076	1027	4346	0	925	5947	6264	-990	17648	0	17648	2263	19911	50.04
16	6635	171	267	7073	876	4307	0	714	5684	5730	-1010	17690	0	17690	2263	19953	50.00
17	6804	406	267	7477	790	4675	0	477	5050	4956	-1025	17350	0	17350	2272	19622	49.95
18	6792	184	279	7255	714	5055	0	159	4794	4455	-998	16640	0	16640	2249	18889	50.00
19	6833	186	270	7289	651	5286	0	2	4537	4458	-1047	16639	0	16639	2295	18934	49.94
20	6818	232	280	7330	751	5398	0	0	4654	4436	-1060	16854	0	16854	2337	19192	49.99
21	6614	184	271	7069	918	4468	0	0	4842	4641	-1060	16036	0	16036	2239	18276	50.01
22	5896	176	292	6364	997	4307	0	0	5356	5082	-1201	15549	0	15549	2099	17648	50.02
23	5206	206	281	5693	1143	4325	0	0	5437	5228	-1112	15277	0	15277	1968	17245	49.98
24	4789	210	271	5270	1226	4394	0	0	5272	5052	-996	14946	0	14946	1853	16800	49.95
MUs	144.51	4.65	6.71	155.87	25.33	108.82	0.00	8.25	122.00	120.50	-23.95	394.82	0.00	394.82	48.19	443.01	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/Feb/2021

Position as on 6.30 Hrs of 21/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 5	500	08/02/2021	00.10		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL 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	Nasik Unit 5	210	12/12/2019	10.25		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020).	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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	Koradi Unit 6	210	02/02/2021	20.30		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Parli Unit 6	250	16/02/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Parli Unit 7	250	16/02/2021	10.15		Continued.	Zero schedule	
MSPGCL	Parli Unit 8	250	17/02/2021	00.00		Continued.	Zero schedule	
MSPGCL	Chandrapur Unit 4	210	19/02/2021	10.15	20/02/2021	07.51	Due to BFP discharge bypass valve rupture & heavy water leakage.	
CPP	SWPGL U-4	135	19/02/2021	23.03		Continued.	Zero schedule.	
CPP	SWPGL U-3	135	19/02/2021	23.38		Continued.	Zero schedule.	
IPP	JSW (J) U3	300	20/02/2021	11.09		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Erath Fault.	

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

Statement-VII

Position as on 6.30 Hrs of 21/Feb/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
Dabhol New koyna I	InterState	19/02/2021	09.30	20/02/2021	05.58	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	19/02/2021	20.10	20/02/2021	09.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/02/2021	18.57	20/02/2021	20.08	HT	HT FOR OVERVOLTAGE, charged as 765 KV Vadodara-Dhule BD line tripped.
Dhule Sar'Sarovar I	InterState	21/02/2021	17.58		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/02/2021	20.06	20/02/2021	07.10	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/02/2021	19.50	21/02/2021	07.40	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/02/2021	19.29		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/02/2021	22.32		Continued.	HT	Over Voltage
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 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
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)
Borivali(MS) Boisar(PG)	InterState	19/02/2021	22.42	20/02/2021	23.11	T	Distance Protection
Borivali - Tarapur	InterState	19/02/2021	22.42	20/02/2021	21.30	T	Distance Protection
Talegaon(PG)-Talegaon(Ambi)-II	InterState	20/02/2021	13.00	20/02/2021	18.43	PO	Half yearly maintenance, Diagnostic testing, Changing copper palms and jumps of all the three phases of 89 B isolator which are causing hot spots.
Roma-Bhavegar	IntraState	20/02/2021	04.40	20/02/2021	06.50	T	Tripped only from Bhavegar end.
Oni Kharepatan Line	IntraState	20/02/2021	08.43	20/02/2021	18.29	PO	For cold washing of insulator strings at Loc No. 297-345.
Malharpeth - Karad(400kv)	IntraState	20/02/2021	09.40	20/02/2021	19.21	PO	Fixing of PA Rod to damaged conductor at Loc No.186 by HLU, Ogalewadi.
Chandrapur(MIDC)-Ballarshah I	IntraState	20/02/2021	09.49	20/02/2021	19.24	PO	Tightening of jumper nut bolt.
Karad - Sadawagpur I	IntraState	20/02/2021	09.59	21/02/2021	12.24	PO	Replacement of flashover disc insulator string at Loc. No.76 R-ph found during tripping on dtd.18.02.2021.
V Warora - Waroralytss1	IntraState	20/02/2021	10.00	20/02/2021	13.15	PO	For Diagnostic Testing Work.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	20/02/2021	10.10	20/02/2021	19.51	PO	Tightening of jumper nut bolt.
Deepnagar Khadaka 2	IntraState	20/02/2021	10.23	20/02/2021	18.15	PO	For overhauling of 400 KV Main Bus-1 & 2 PG Isolator.
Bhigwan-Baramat Iagro	IntraState	20/02/2021	11.00	20/02/2021	16.20	PO	Diagnostic Testing Work.
Trombay Dharavi 5	IntraState	20/02/2021	14.40	20/02/2021	15.03	T	Distance Protection, B-PH 13 KA, 6.1KM From Trombay.
Butibori - Purti	IntraState	20/02/2021	14.54	20/02/2021	19.54	T	PURTI:D/P,Z1,R-PH,25.4KM,2.14KA BUTIBORI 3:Z1,R-PH,9.4KA,7.41KM
BOISAR BORIVALI	IntraState	20/02/2021	14.55	20/02/2021	15.33	T	Distance Protection, R PH,21.5KA, 5.9KM From
220 KV ICT Outages/Trippings							
220/132 kv 200MVA ICT II @ Girwali	IntraState	18/02/2021	11.43	20/02/2021	18.18	PO	Testing Work
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	20/02/2021	08.25	20/02/2021	21.12	PO	Tripped On OSR.

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 20/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 21/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	20/02/2021	10.24	20/02/2021	18.08	PO	Attending problem of OSR, Filtration of Oil OF OLTC, Top Up OF Oil & Attending Oil Leakages Of 220/132 KV ICT-2.
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	20/02/2021	10.38	20/02/2021	19.13	PO	For replacement of faulty Conservator tank MOG & to Take CTR make N2 fire Fighting system back in Service & other maintenance Work.
220/132 kv 200MVA ICT-V @ Nashik	IntraState	20/02/2021	11.02	20/02/2021	15.49	PO	ICT diagnostic testing ,Bay maintenance.
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	20/02/2021	11.18	20/02/2021	14.32	PO	R PH CT TAN DELTA work & B- PH CT P1 side hot spot attend Work.
220/132 Kv 100 Mva Emco Ict @Bhenda	IntraState	20/02/2021	16.10	20/02/2021	18.50	PO	Auxiliary bus isolator alignment and jumpering work by agency.
Saki : 220 / 110 / 33 250 MVA ICT 1	IntraState	21/02/2021	09.41	21/02/2021	17.50	PO	Fire DPR Work And Testing.
220/33kv 100 MVATransformer 2 @Versova R/S	IntraState	21/02/2021	10.09	21/02/2021	21.12	PO	Erection Of 33KV Incomer Cable Support Structure For NGT #2 And Charging Of Bord 8 Section 1 Under 33KV Ais To Gis Conversion Scheme.
220/33kv 100 MVATransformer 2 @Versova R/S	IntraState	21/02/2021	21.28	21/02/2021	22.18	HT	Opened Again To Inspect Abnormal Sound In CB.

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